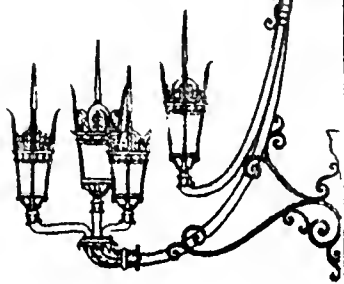


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SPECIFICATIONS FOR CONTRACT FOR HISTORIC RESTORATION WORK

EDWARD EVERETT HALE HOUSE

12 Morley Street

Kittredge Square Project

Project No. Mass. R-167

CITY OF BOSTON, MASSACHUSETTS

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ROBERT B. MCGILVRAY	-	CHIEF OF REHABILITATION

OCTOBER 1980

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Project No. Mass. R-167

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CHIEF OF REHABILITATION

OCTOBER 1980

CONTRACT DOCUMENTS FOR
CONTRACT FOR HISTORIC RESTORATION WORK
EDWARD EVERETT HALE HOUSE
12 MORLEY STREET

CONTENTS

<u>INSTRUCTIONS AND FORMS</u>	<u>PAGE</u>
INVITATIONS FOR BIDS	1
INSTRUCTIONS TO BIDDERS	5
1.0 Use of Separate Bid Forms	
2.0 Interpretations of Addenda	
3.0 Inspection of Site	
4.0 Alternative Bids	
5.0 Bids	
6.0 Bid Guaranty	
7.0 Collusive Agreements	
8.0 Statement of Bidder's Qualifications	
9.0 Corrections	
10.0 Time of Receiving Bids	
11.0 Opening of Bids	
12.0 Withdrawal of Bids	
13.0 Award of Contracts; Rejection of Bids	
14.0 Execution of Agreement: Performance and Payment Bond	
15.0 Wages and Salaries	
16.0 Equal Employment Opportunity	
17.0 Requirements for Foreign Corporations	
Form of BID FOR CONTRACT FOR EMERGENCY REPAIRS	10
Form of CONTRACTORS CERTIFICATE OF UNDERSTANDING CONCERNING SECTION 3 FILING REQUIREMENTS	12
Form of CERTIFICATION OF NONSEGREGATED FACILITIES	13
Form of NON-COLLUSION AFFIDAVIT OF PRIME BIDDER	14
Form of NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR	15
Form of STATEMENT OF BIDDER'S CERTIFICATION	16
INSTRUCTIONS FOR CONTRACTOR FILLING OUT BIDDING CERTIFICATION	17
Form of CONTRACTORS BIDDER'S CERTIFICATION	18
Form of SUBCONTRACTORS CERTIFICATION	19
Form of AGREEMENT FOR CONTRACT FOR RESTORATION WORK	20
Form of PERFORMANCE BOND	23
Form of LABOR AND MATERIALS BOND	25

<u>GENERAL SPECIFICATIONS</u>	<u>PAGE</u>
GENERAL CONDITIONS PART 1	28
101.0 Definitions	28
102.0 Superintendency by Contractor	29
103.0 Subcontracts	29
104.0 Other Contracts	30
105.0 Fitting and Coordination of the Work	30
106.0 Mutual Responsibility of Contractors	30
107.0 Progress Schedule	31
108.0 Payments to Contractor	31
109.0 Changes in the Work	36
110.0 Claims for Extra Cost	37
111.0 Termination: Delays; and Liquidated Damages	38
112.0 Assignment or Novation	39
113.0 Disputes	39
114.0 Technical Specifications and Drawings	40
115.0 Shop Drawings	40
116.0 Requests for Supplementary Information	41
117.0 Materials and Workmanship	41
118.0 Samples Certificates and Tests	42
119.0 Permits and Codes	43
120.0 Care of Work	43
121.0 Accident Prevention	44
122.0 Sanitary Facilities	45
123.0 Use of Premises	45
124.0 Removal of Debris, Cleaning, etc.	45
125.0 Inspection	45
126.0 Review by the Authority	46
127.0 Final Inspection	47
128.0 Deduction for Uncorrected Work	47
129.0 Insurance	47
130.0 Patents	52
131.0 Warranty of Title	52
132.0 General Guaranty	53
133.0 Contractor to make own Examination	53
134.0 Revision to Chapter 30, General Laws, Section 39G and 39M	54
GENERAL CONDITIONS, PART II	55
201.0 Defined Terms	55
202.0 Minimum Wages Rates for Laborers and Merchants	55
I. GENERAL TERMS AND CONDITIONS	67
II. SECTION III AFFIRMATIVE ACTION PLAN	108
III. EQUAL EMPLOYMENT OPPORTUNITY NOTICES (E.O 11246)	113
IV. MODEL AFFIRMATIVE ACTION PROGRAM	129
V. MINORITY BUSINESS UTILIZATION	133
VI. CITY OF BOSTON MINORITY PARTICIPATION AND PREFERENCE SECTION	134

VII.	CITY OF BOSTON SUPPLEMENTAL MINORITY PARTICIPATION SECTION	140
VIII.	CITY OF BOSTON EEO ANTI-DISCRIMINATION & AFFIRMATIVE ACTION	182
IX.	COMMONWEALTH OF MASS. EEO AND AFFIRMATIVE ACTION	187
X.	BOSTON REDEVELOPMENT AUTHORITY EEO COMPLIANCE PROVISIONS	193

SPECIAL CONDITIONS

Project Site	197
General Description of Work	
Time for Completion and Dequence of Work	
Liquidated Damages	198
Responsibilities for Contractor	
Communications	199
Partial Use of Site Improvements	
Contract Documents and Drawings	200
Record Drawings	
Construction Schedules	
Shop and Working Drawings	201
Provisions for Traffic	
Site Inspection	
Protection of Existing Structures	202
Additional Convenience of the Public	
Safety	
Work Quantity Submission for Partial Payments	
Noise Control	203

DESCRIPTION OF WORK

Section A	Photo Copies	205
	Description of Work	208
	Sketches	213
	Background Information	218
	Specialty Information	220
Section B	Technical Specifications	232
(1)	Rough Carpentry And Framing	232
(2)	Carpentry And Millwork	240
(3)	Roof Shingles	246
(4)	Masonry	249
(5)	Pointing	252
(6)	Painting	254

ADVERTISEMENT
BOSTON REDEVELOPMENT AUTHORITY

One City Hall Square, Boston, MA.

INVITATION FOR BIDS

The Boston Redevelopment Authority will receive sealed Bids for Contract for Historic Restoration Work, 12 Morley Street in the Kittredge Square Project No. Mass. R-167, until 12 NOON, Boston Time on November 12, 1980 at City Hall, 9th Floor, Room 910, Boston, Massachusetts, Attention Rehabilitation Department, at which time and place all Bids will be publicly opened and read aloud.

The work will consists of HISTORIC PRESERVATION WORK, EDWARD EVERETT HALE HOUSE, 12 MORLEY STREET, ROXBURY.

Proposed forms of Contract Documents, including Technical Specifications are on file at the office of the Boston Redevelopment Authority, City Hall, 9th Floor, Room 910, Boston, Massachusetts.

Copies of the Contract Documents may be obtained by depositing \$25.00 in cash or check payable to the Boston Redevelopment Authority for each set of documents so obtained. Each such deposit will be refunded if the Drawings and Contract Documents are returned in good condition within ten (10) days after Bid Opening.

Bids shall be accompanied by a Bid Deposit in the form of a BID BOND, or CASH, or a CERTIFIED CHECK on, or a TREASURER'S or CASHIER'S CHECK issued by, a responsible bank or trust company, payable to the Boston Redevelopment Authority. A bid bond shall be (a) in the form satisfactory to the awarding Authority (b) with a surety company qualified to do business in the Commonwealth and satisfactory to the awarding Authority and (c) conditioned upon the faithful performance by the principal of the agreements contained in the sub-bid or general bid. Bid deposit shall be in an amount equal to at least ten percent (10%) of each proposal for HISTORIC PRESERVATION WORK.

A performance Bond and also a Labor and Materials or Payment Bond, each of a surety company qualified to do business under the laws of the Commonwealth and satisfactory to the Authority and each in the sum of one hundred percent (100%) of the contract price will be required of the successful bidder.

NOTICE OF REQUIREMENT FOR AFFIRMATIVE
ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY
(EXECUTIVE ORDER 11246)

The CONTRACTOR'S attention is called to the "Equal Opportunity Clause" and "Standard Federal Equal Opportunity Construction Contract Specification" set forth in this part.

The goals and timetables for minority and female participation, expressed in percentage terms for the CONTRACTOR'S aggregate workforce in each trade on all construction work in the covered areas (See pages EEO-1 and EEO-2 of the bid specifications for goals and timetables).

These goals are applicable to all the CONTRACTOR'S construction work (whether or not it is federal assisted) performed in the covered areas.

As used in this notice, and in the contract, the covered area is Arlington, Boston, Belmont, Brookline, Burlington, Cambridge, Canton, Chelsea, Dedham, Everett, Malden, Medford, Melrose, Milton, Norwood, Reading, Revere, Somerville, Stoneham, Wakefield, Westfield, Westwood, Winthrop, Winchester, Woburn, and the Islands of Boston Harbor, Massachusetts.

The attention of all bidders is specifically directed to THE CITY OF BOSTON'S SUPPLEMENTAL MINORITY PARTICIPATION AND RESIDENT PREFERENCE SECTION, ALSO THE BOSTON REDEVELOPMENT AUTHORITY EQUAL OPPORTUNITY COMPLIANCE POLICY, which are included in the Bid Specifications.

NOTICE

The attention of all bidders is specifically directed to the City of Boston Supplemental Minority Participation and Resident Preference Section contract provision of the specifications and the obligations of the contractor and subcontractors to take affirmative action in connection with employment practices in the performance of this contract.

The workforce requirement, (employee manhour ratios per trade) for this contract are as follows:

Minority	25%
Boston Resident	50%
Female	10%

No bid for award of this project will be considered acceptable unless the Contractor complies fully with the following requirements for Minority Business Enterprise Utilization.

Pursuant to the supplement minority participation section of the City of Boston and Boston Redevelopment Authority's contracts, the contractor must give satisfactory assurance that at least 30 % of his/her bid price shall be expended for minority business enterprise. For the purposes of this paragraph, the term Minority Business Enterprise means a business at least 51 percent of which is owned and controlled by minority group members who are Black, Hispanic, Oriental, or American Indians.

Included with the contract documents are copies of the "Minority Business Utilization Form," "Minority Business Identification Statement", "Minority Business Utilization Progress Report", and the "Minority Business and the General Contractor's Letter of Intent".

Each Contractor must complete, sign, and file with his bid the Minority Business Utilization Form. Failure to do so will result in the rejection of the bid proposal. The three lowest responsive bidders are required to submit a "Minority Business and General Contractors Letter of Intent." The Letter of Intent shall be completed and signed by the minority business enterprise and the general contractor within five days after the time set for receiving bids. At the request of the City and/or BRA one or more of the three lowest bidders may also be required to submit a "Minority Business Identification Statement."

Contractor shall also avail themselves to the list of minority businesses to be provided by the BRA through the Office of Minority Business Enterprise to facilitate compliance with these requirements.

The attention of all bidders is specifically directed to the provisions of the contract documents, including without limitation, the notice to all bidders (including sub bidders) and provisions with respect to bonds, insurance, equal employment opportunity, minimum wages, time of performance, liquidated damages, and the requirements set forth in the specifications or supplemental equal employment opportunity anti-discrimination and affirmative action program contract provisions, and the requirements of mandatory compliance with section 3 of the Housing and Urban Development Act of 1968 and Executive Order 11246. A statement of workforce needs as required by Section 3 and section three affirmative action plan shall be submitted with the contractor's proposal. Table AAP - 1 to Table AAP-3 and Form AAP-1 and Form AAP-2 on pages ST 1 - ST 7 should be filled out.

This requirement will be strictly adhered to. Proposals submitted without the required forms will be rejected. No bidder shall be eligible for award on this project unless he/she is able to demonstrate to satisfaction to the Authority his/her ability to comply with these requirements.

Attention is called to all prospective bidders that they are required to attend a pre-bid conference to discuss the Federal, State, City and BRA requirements regarding affirmative action and EEO. Also, to discuss the Minority Business Utilization Program, and goals and timetables for minorities and females. This conference will be held with the Contract Compliance Officer of the Boston Redevelopment Authority, Mr. Reggie Johnson, on Tuesday, October 28, 1980 at 10:00 AM in Room 901.

The Authority reserves the right to reject any or all bids or to waive any informalities in bidding, if it be in the public interest so to do.

Bids may be held by the Boston Redevelopment Authority for a period not to exceed thirty (30) days from the date of the opening of bids for the purpose of reviewing the bids and investigating the qualifications of the bidders, prior to awarding the contract.

BOSTON REDEVELOPMENT AUTHORITY

BY: KARE SIMONIAN,
SECRETARY

GOALS AND TIMETABLES FOR WOMEN (NATIONWIDE)

<u>Timetable</u>	<u>Goal %</u>
From April 1, 1978 until March 31, 1979	3.1%
From April 1, 1979 until March 31, 1980	5.0%
From April 1, 1980 until March 31, 1981	6.9%

GOALS AND TIMETABLE FOR MINORITIES

<u>Trade</u>	<u>Goal%</u>
Asbestos Workers	10.8 to 10.12
Boiler Makers	9.6 to 12.0
Bricklayers	8.0 to 10.0
Carpenters	11.6 to 14.5
Cement Masons	25.5 to 27.5
Electricians	6.0 to 7.0
Elevator Constructors	9.5 to 11.4
Glaxiers	8.8 to 11.0
Iron Workers	5.9 to 6.9
Lathers	5.9 to 8.9
Coerating Engineers	14.1 to 15.0
Painters	9.1 to 11.1
Pipefitters	11.0 to 12.1
Plasters	20.5 to 22.5

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or Federally assisted) performed in the covered area.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3 (a) and its efforts to meet the goals established for the geographical area where the contract resulting from this solicitation is to be performed. The hours of minority and female employment and training

must be substantially uniform throughout the length of the contract and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Program within 10 working days of award of any construction sub-contract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the sub-contractor, employer identification number, estimated dollar amount of the sub-contract, and the geographical area in which the contract is to be performed.

4. As used in this notice, and in the contract resulting from this solicitation, the covered area is Massachusetts, City of Boston.

INSTRUCTIONS TO BIDDERS

1.0 USE OF SEPARATE BID FORMS

These Contract Documents include a complete set of bidding and Contract forms. These are for the convenience of Bidders and are not to be detached from the Contract Documents or filled out, or executed. Separate copies of Bid forms are furnished for that purpose.

2.0 INTERPRETATIONS OR ADDENDA

No oral interpretations will be made to any Bidder as to the meaning of the Contract Documents or any part thereof. Every request for such an interpretation shall be made in writing to the Boston Redevelopment Authority, hereinafter called the "Authority". Any inquiry received seven or more days prior to the date fixed for the openings of Bids will be given consideration. Every interpretation made to a Bidder will be in the form of an Addendum to the Contract Documents and when issued will be on file in the Office of the Authority at least five days before Bids are opened. In addition, all Addenda will be mailed to each person holding Contract Documents, but it shall be the Bidder's responsibility to make inquiry as to the Addenda issued. All such Addenda shall become part of the Contract Documents and all Bidders shall be bound by such addenda, whether or not received by the Bidders.

3.0 INSPECTION OF SITE

Each Bidder should visit the sites of the proposed work and fully acquaint himself with the existing conditions there relating to construction and labor, and should inform himself as to the facilities involved, the difficulties and the restrictions attending the performance of the Contract. The Bidder shall thoroughly examine and familiarize himself with the Drawings, Technical Specifications, and all other Contract Documents. The Contractor by the execution of the Contract shall in no wise be relieved of any obligation under it due to his failure to receive or examine any form or legal instrument or to visit the site and acquaint himself with the conditions there existing and the Authority will be justified in rejecting any claim based on facts regarding which he should have been on notice as a result thereof. Questions regarding access to the site or the contract specifications should be directed to the Boston Redevelopment Authority Chief of Rehabilitation, Mr. Robert McGilvray, or Assistant Chief Mr. Wilfred Peltier.

4.0 ALTERNATIVE BIDS

Alternative Bids will not be considered.

5.0 BIDS

5.1 All Bids must be submitted on forms supplied by the Authority and shall be subject to all requirements of the Contract Documents, including the Drawings, and these INSTRUCTION TO BIDDERS. All Bids must be regular in every respect and no interlineations, excisions or special conditions shall be made or included in the Bid Form by the Bidder.

5.2 Bid Documents including the Bid, the Bid Guaranty, the Non-Collusion Affidavit and the Statement of Bidder's Qualifications shall be enclosed in envelopes (outer and inner), both of which shall be sealed and clearly labeled with the words "Site Preparation Bid Documents", the project number, name of Bidder, and date and time of opening so as to guard against premature opening of any Bid.

5.3 The Authority may consider as irregular any Bid on which there is an alteration of or departure from the Bid Form hereto attached and at its option may reject the same.

5.4 If the Contract is awarded, it will be awarded by the Authority to the lowest responsible and eligible bidder. The Contract will require the completion of work according to the Contract Documents and Drawings together with all addenda thereto.

6.0 BID GUARANTY

6.1 The Bid shall be accompanied by "CASH" or a CERTIFIED CHECK" on, or a "TREASURER'S" or "CASHIER'S CHECK" issued by a responsible bank or trust company, payable to the Boston Redevelopment Authority. The amount of such cash or check shall be at least five percent (5%) of the proposal for Site Preparation. The bid guaranty shall insure the execution of the Contract and the furnishing of the Surety Bonds by the successful Bidder, all as required by the Contract Documents.

6.2 Revised Bids submitted before the opening of Bids, whether forwarded by mail or telegram, if representing an increase in excess of two percent (2%) of the original Bid, must have the Bid guaranty adjusted accordingly; otherwise the Bid will not be considered.

6.3 Bid deposits, except those of the three lowest responsible and eligible bidders, shall be returned within five days, Sundays and Holidays excluded, after the opening of proposals.

7.0 COLLUSIVE AGREEMENTS

7.1 Each Bidder submitting to the Authority a Bid for any portion of the work contemplated by the bidding documents shall execute an affidavit substantially in the form herein provided, to the effect that he has not colluded with any other person, firm or corporation in regard to any Bid submitted. Such affidavit shall be attached to the Bid.

7.2 Failure on the part of any Bidder to observe this provision shall be cause for rejection of his Bid.

7.3 Before executing any subcontract, the successful Bidder shall submit the name of any proposed subcontractor for prior approval and an affidavit substantially in the form provided in Section 103, SUBCONTRACTS UNDER GENERAL CONDITIONS, Part I.

8.0 STATEMENT OF BIDDER'S QUALIFICATIONS

Each Bidder shall submit on the form furnished for that purpose a copy of which is included in the Contract Documents, a statement of the

Bidder's Qualifications, his experience record in constructing the type of improvements embraced in the Site Preparation, and his organization and equipment available for the work contemplated; and when specifically requested by the Authority, a detailed financial statement. The Authority shall have right to take such steps as it deems necessary to determine the ability of the Bidder to perform his obligations under the Contract, and the Bidder shall furnish the Authority all such information and data for this purpose as it may request. The right is reserved to reject any Bid where an investigation of the available evidence or information does not satisfy the Authority that the Bidder is qualified to carry out properly the terms of the Contract.

9.0 CORRECTIONS

Erasures or other changes in the Bid must be explained or noted over the signature of the Bidder.

10.0 TIME FOR RECEIVING BIDS

10.1 Bids received prior to the advertised hour of opening will be securely kept, sealed. The officer whose duty it is to open them will decide when the specified time has arrived, and no Bid received thereafter will be considered; except that when a Bid arrives by mail after the time fixed for opening, but before the reading of other bids is completed and it is shown to the satisfaction of the Boston Redevelopment Authority that the non-arrival on time was due solely to delay in the mails for which the Bidder was not responsible, such Bid will be received and considered.

10.2 Bidders are cautioned that, while telegraphic modifications of Bids may be received as provided above, such modifications, if not explicit and if in any sense subject to misinterpretation, shall make the Bid so modified or amended, subject to rejection.

11.0 OPENING OF BIDS

At the time and place fixed for opening of Bids, the Authority will cause to be opened and publicly read aloud every Bid received within the time set for receiving Bids, irrespective of any irregularities therein. Bidders and other persons properly interested may be present, in person or by representative.

12.0 WITHDRAWAL OF BIDS

Bids may be withdrawn on written or telegraphic request dispatched by the Bidder in time for delivery in the normal course of business prior to the time fixed for opening; provided, that written confirmation of any telegraphic withdrawal over the signature of the Bidder is placed in the mail and post-marked prior to the time set for Bid opening. The Bid guaranty of any Bidder withdrawing his Bid in accordance with the foregoing conditions will be returned promptly.

13.0 AWARD OF CONTRACT: REJECTION OF BIDS

13.1 The Contract will be awarded to the lowest responsible and eligible Bidder complying with the conditions of the Invitation for Bids, provided such Bidder possesses the skill, ability and integrity necessary to the faithful performance of the work and it is to the interest of the Authority to accept it and who shall certify that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work. The Authority, however, reserves the right to reject any and all Bids and waive any informality in Bids received whenever such rejection or waiver is in its interest.

13.2 The Authority may reject all bids, which in its opinion, contains any abnormally high or abnormally low bids.

13.3 The Authority reserves the right to consider as unqualified to perform the Contract any Bidder who does not habitually perform with his own forces the major portions of the work involved in construction of the improvements embraced in this Site Preparation Contract.

13.4 The ability of any Bidder to obtain a performance bond will not be regarded as the sole test of such Bidder's competency or responsibility.

13.5 The Authority will not award the Contract to any Contractor who is, at the time, ineligible under the provisions of any applicable regulations issued by the Secretary of Labor, United States Department of Labor, or is not qualified under applicable local or State laws.

14.0 EXECUTION OF AGREEMENT: PERFORMANCE AND PAYMENT BOND

14.1 Subsequent to the award and within ten (10) days after the prescribed forms are presented for signature, the successful Bidder shall execute and deliver to the Authority an Agreement in the form included in the Contract Documents in such number of copies as the Authority may require.

14.2 Having satisfied all conditions of award as set forth elsewhere in these Documents, the successful Bidder shall, within the period specified in the Paragraph 14.1 above, furnish a Performance Bond and also a Labor and Materials or Payment Bond, each in the sum of one hundred percent (100%) of the contract price, as security for the faithful performance of the Contract, and for the payment of all persons, firms or corporations to whom the Contractor may become legally indebted for labor, materials, tools, equipment, or services of any nature, including utility and transportation services, employed or used by him in performing the work. Such Bonds shall be in the same form as that included in the Contract Documents and shall bear the same date as, or a date subsequent to the date of the Contract. The current power of attorney for the person who signs for any surety company shall be attached to such Bonds. These Bonds shall be signed by a guaranty or surety company listed in the latest issue of the U. S. Treasury Circular 570 and the penal sum shall be within the maximum specified for such company in said Circular 570.

14.3 The failure of the successful Bidder to execute such Agreement and to supply the required bond or bonds within 10 days after the prescribed

forms are presented for signature, or within such extended period as the Authority may grant, based upon reasons determined sufficient by the Authority, shall constitute a default, and the Authority may either award the Contract to the next lowest responsible Bidder or readvertise for Bids, and may charge against the Bidder the difference between the amount of the Bid and the amount for which a Contract for the work is subsequently executed irrespective of whether the amount thus due exceeds the amount of the Bid bond. If a more favorable Bid is received by readvertising the defaulting Bidder shall have no claim against the Authority for a refund.

15.0 WAGES AND SALARIES

15.1 Attention of Bidders is particularly called to the requirements concerning the payment of not less than the prevailing wage and salary rates specified in the Contract Documents and the conditions of employment with respect to certain categories and classifications of employees. See GENERAL CONDITIONS, PART II.

15.2 The rates of pay set forth under GENERAL CONDITIONS, PART II, are the minima to be paid during the life of the Contract. It is therefore the responsibility of Bidders to inform themselves as to the local labor conditions such as the length of work day and work week, overtime compensation, health and welfare contributions, labor supply and prospective changes or adjustment of rates.

16.0 EQUAL EMPLOYMENT OPPORTUNITY

Attention of Bidders is particularly called to the requirement for ensuring that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin. (See General Conditions, Part II, Section 210).

17.0 REQUIREMENTS FOR FOREIGN CORPORATIONS

The attention of all Bidders is called to the provision of the General Laws, Chapter 30, section 39L, as amended by Chapter 3 of the Acts of 1967, which provides that awarding authority may not enter into a contract for construction work and may not approve as a sub-contractor furnishing labor and materials for a part of any such work a foreign corporation which has not filed with the awarding authority a certificate of the State Secretary of the Commonwealth of Massachusetts stating that such corporation has complied with sections 3 and 5 of Chapter 131 and the date of such compliance. The term "foreign corporation" means a corporation not incorporated under the laws of the Commonwealth of Massachusetts.

BID FOR CONTRACT FOR HISTORIC PRESERVATION WORK
EDWARD EVERETT HALE HOUSE
12 MORLEY STREET
ROXBURY, MASSACHUSETTS

GENERAL CONTRACTOR

TO THE BOSTON REDEVELOPMENT AUTHORITY

- 1.0 The undersigned having familiarized _____ with the existing conditions on the Project Area affecting the cost of the work and with the Contract Documents (which include invitation for Bids, Instructions to Bidders, the form of Bid, the form of the Bid Bond, form of Contract (or agreement), form of Non-Collusion Affidavit, Addenda (if any), General Conditions, Part I & II, Special Conditions, Technical Specifications, and form of Surety Bond or Bonds on file in the office of the Boston Redevelopment Authority hereby proposes to furnish all supervision; technical personnel, labor, materials, machinery, tools, appurtenances, equipment and services, including utility and transportation services required to construct and complete this Contract for Historical Preservation Work at the Kittredge Square Urban Renewal Project Mass. R-167, all in accordance with above-listed documents, and including all addenda thereto numbered _____ and _____ dated _____ and _____.
- 2.0 The undersigned agrees that he will, within ten (10) days after presentation thereof by the Authority, execute the Contract and furnish a Performance Bond and also a Labor and Materials or Payment Bond, each of a surety company listed in the latest issue of the U.S. Treasury Circular 570; and the penal sum shall be within the maximum specified for each such company in said Circular 570, each in the sum of one hundred percent (100%) of the contract price. The premiums for which are to be paid by the Contractor and are included in the Contract price.
- 3.0 The proposed Contract sum is _____ Dollars (\$ _____).
The Contractor shall make his own estimate of quantities and scope of work required. The Contractor shall submit a cost breakdown as specified in Section 107.2.
- 4.0 Attached hereto is an affidavit in proof that the undersigned has not colluded with any person in respect to this Bid or any other Bid or the submitting of Bids for the Contract for which the Bid is submitted. Also attached is a Statement of Bidder's Qualifications.
- 5.0 The Bidder is prepared to submit a financial statement upon request.
- 6.0 In submitting this Bid, the Bidder understands that the right is reserved by the Authority to reject any and all Bids.

7.0 The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work.

Date_____19____

(Name of Bidder)

Official Address

By_____

Title_____

Note: If the Bidder is a corporation, indicate State of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses of all partners and if an individual, give residential address if different from business address.

CONTRACTOR CERTIFICATE OF UNDERSTANDING
CONCERNING SECTION 3 FILING REQUIREMENT

PROJECT: _____ DEPARTMENT: _____

I hereby certify that I have been made aware of and understand that I will be required to submit a Section 3 Affirmative Action Plan, pursuant to Section 3 of the Housing and Urban Development Act of 1968, with my bid proposal. I further understand that if this plan is not submitted with my bid proposal that the proposal will be rejected.

(Date)

CONTRACTOR: _____

SIGNATURE: _____

TITLE: _____

Technical Assistance in preparing the Section 3 Affirmative Action Plan may be obtained from the Mayor's Office of Federal Compliance, City Hall, Room 960; tel. 725-3090.

THIS FORM IS TO BE COMPLETED AND RETURNED TO:

Dept. Contract Compliance Officer - Reggie L. Johnson
Awarding Department - Boston Redevelopment Authority
City Hall - Room 917
Boston, Mass. 02201

CERTIFICATION OF NONSEGREGATED FACILITIES

The Bidder certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The bidder certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location under his control where segregated facilities are maintained. The bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this bid. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom, or otherwise. The bidder agrees that (except where he has obtained identical certification from proposed subcontractors for specific time periods) he will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, and that he will retain such certifications in his files.

Note: The penalty for making false statements in offers is proscribed in 18 U.S.C. Section 1001.

Date _____, 19____.

(Name of Bidder)

Official Address (including ZIP code):

By _____

(Title)

NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of.....)
County of.....) ss.

_____, being first
duly sworn deposes and says that:

1.0 He is (owner, partner, officer, representative, or agent) of
_____, the Bidder that
has submitted the attached Bid:

2.0 He is fully informed respecting the preparation and contents of
the attached Bid and of all pertinent circumstances respecting such Bid;

3.0 Such Bid is genuine and is not a collusive or sham Bid;

4.0 Neither the said Bidder nor any of the officers, partners, owners,
agents, representatives, employees or parties in interest, including this
affiant, has in any way colluded, conspired, connived or agreed, directly
or indirectly with any other Bidder, firm or person to submit a collusive
or sham Bid in connection with the Contract for which the attached Bid has
been submitted or to refrain from bidding in connection with such Contract,
or has in any manner, directly or indirectly sought by agreement of collu-
sion or communication or conference with any other Bidder, firm or person
to fix the price or prices in the attached Bid or of any other Bidder, or
to fix any overhead, profit or cost element of the Bid price or the Bid
price of any other Bidder or to secure through any collusion conspiracy,
connivance or unlawful agreement any advantage against the Boston Redevelo-
pment Authority or any person interested in the proposed Contract; and

5.0 The price or prices quoted in the attached Bid are fair and proper
and are not tainted by any collusion, conspiracy, connivance or unlawful
agreement on the part of the Bidder or any of its agents, representatives,
owners, employees, or parties in interest, including this affiant.

(Signed) _____

Title

Subscribed and sworn to before me

this _____ day of _____, 19

Title

My commission expires

NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

EXHIBIT D

State of _____
County of _____ SS.

_____, being first duly sworn, deposes and says that:

(1) He is (owner, partner, officer, representative, or agent) or

_____ herein referred to as the "Subcontractor";

(2) He is fully informed respecting the preparation and contents of the Subcontractor's Proposal submitted by the Subcontractor to _____, the Contractor for certain work in connection with the _____ Contract pertaining to the _____ Project in _____ (City or County and State)

(3) Such Subcontractor's Proposal is genuine and is not a collusive or sham Proposal:

(4) Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Proposal in connection with such Contract or to refrain from submitting a Proposal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Proposal, or to fix any overhead, profit or cost element of the price or prices in said subcontractor's Proposal, or to secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the Authority or any person interested in the proposed Contract; and

(5) The price or prices quoted in the Subcontractor's Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed) _____

Title

Subscribed and sworn to before me
this _____ day of _____, 19____

My commission expires _____

STATEMENT OF BIDDERS QUALIFICATIONS
(Restoration Contractor)

All questions must be answered and the data given must be clear and comprehensive. This statement must be notarized. If necessary, questions may be answered on separate attached sheets. The Bidder may submit any additional information he desires.

- 1.0 Name of Bidder.
- 2.0 Permanent main office address.
 - 2.a Treasury Number (Employer's Identification Number).
- 3.0 When organized.
- 4.0 If a corporation, where incorporated.
- 5.0 How many years have you been engaged in the contracting business under your present firm or trade name?
 - 5.a Names and home addresses of the principal officers and their Social Security Numbers.
- 6.0 Contracts on hand: (Schedule these, showing gross amount of each contract and the approximate anticipated dates of completion. Underline those which are similar in magnitude, type of work and complexity covered by this project). (Name and address of client and name of person supervising for client).
- 7.0 General character of work performed by your company.
- 8.0 Have you ever failed to complete any work awarded to you? If so, where and why?
- 9.0 Have you ever defaulted on a contract? If so, where and why?
- 10.0 List the more important contracts recently completed by you, stating approximate cost for each, and the month and year completed. Underline those which involve magnitude, type of work and complexity similar to this project.
- 11.0 List your major equipment available for this contract.
- 12.0 Experience in construction work similar in importance, in the type of work and complexity covered by this project.

- 13.0 Background and experience of the principal members of your organization including the officers.
- 14.0 Credit available: \$_____
- 15.0 Give bank reference. (Include Address)
- 16.0 Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by the Boston Redevelopment Authority?
- 17.0 The Undersigned hereby authorizes and requests any person, firm or corporation to furnish any information requested by the Boston Redevelopment Authority in verification of the recitals comprising this Statement of the Bidder's Qualifications.

Dated at _____ this _____ day of _____, 19____.

(Name of Bidder)

By _____

Title _____

State of _____)

County of _____)

_____ being duly sworn, deposes and
says the he is _____ of _____
(Name of Organization)

and that the answers to the foregoing questions and all statements therein
contained are true and correct. Subscribed and sworn to before me this
_____ day of _____, 19____.

Notary Public

My commission expires: _____

INSTRUCTIONS FOR FILLING OUT CONTRACTOR'S BIDDING CERTIFICATION

If you subscribe to the Boston Plan the following instructions apply:

All the trades to be used in the work shall be listed in paragraph 1 of the Contractors Bidders' Certification.

Listed below are the crafts that will continue to be covered by Part I of the Bid Conditions: Paragraph 2(a) of Contractors Bidders' Certification.

Boilermakers	Ironworkers
Bricklayers	Painters
Carpenters	Plumbers
Elevator Constructors	Sprinklerfitters

The following crafts shall be covered by Part II of the Bid Conditions: Paragraph 2(b) of the Contractors Bidders' Certification.

Asbestos Workers	Operating Engineers
Cement Masons	Pipe Fitters
Electrical Workers	Plasterers
Glaziers	Roofers
Lathers	Sheetmetal Workers

Any trade or craft not listed above shall be listed in paragraph 2(b) of the Contractors Bidders' Certification.

If you do not subscribe to the Boston Plan but have your own Affirmative Action Plan then all crafts and trades will be listed under Paragraph 2(b).

CONTRACTORS BIDDERS' CERTIFICATION

_____ certifies that:
(Contractor)

1. it intends to use the following listed construction trades in the work under the contract _____
_____; and

2. (a) as to those trades set forth in the preceding paragraph one hereof for which it is eligible under Part I of these Bid Conditions for participation in the Boston Plan, it will comply with the Boston Plan on all construction work (both federal and non-federal) in the Boston Area Construction Program area within the scope of coverage of that Plan, those trades being: _____
_____ and/or

(b) as to those trades for which it is required by these Bid Conditions to comply with Part II of these Bid Conditions, it adopts the minimum minority manpower utilization goals and the specific affirmative action steps contained in said Part II, for all construction work (both federal and non-federal) in the Boston Area Construction Program area subject to these Bid Conditions, those trades being: _____
_____; and

3. it will obtain from each of its subcontractors and submit to the contracting or administering agency prior to the award of any subcontract under this contract the subcontractor certification required by these Bid Conditions.

(Signature of authorized representative of Contractor)

PROJECT NUMBER: Mass. R-
PROJECT NAME AND CONTRACT NUMBER: _____
CONTRACT AMOUNT: \$ _____
NAME AND ADDRESS OF CONTRACTOR: _____

SUBCONTRACTORS' CERTIFICATION

_____ certifies that:

(Subcontractor)

1. it intends to use the following listed construction trades in the work under the subcontract: _____

2. (a) as to those trades set forth in the preceding paragraph one hereof for which it is eligible under Part I of these Bid Conditions for participation in the Boston Plan, it will comply with the Boston Plan on all construction work (both federal and non-federal) in the Boston Area Construction Program area subject to these Bid Conditions, those trades being _____

_____, and/or
(b) as to those trades for which it is required by these Bid Conditions to comply with Part II of these Bid Conditions, it adopts the minimum minority manpower utilization goals and the specific affirmative action steps contained in said Part II for all construction work (both federal and non-federal) in the Boston Area Construction Program area subject to these Bid Conditions, those trades being: _____

_____ and
3. it will obtain from each of its subcontractors prior to the award of any subcontract under this subcontract the subcontractor certification required by these Bid Conditions.

(Signature of authorized representative of subcontractor)

In order to ensure that the said subcontractors' certification becomes a part of all subcontracts under the prime contract, no subcontract shall be executed until an authorized representative of the (agency) had determined, in writing, that the said certification has been incorporated in such subcontract, regardless of . Any subcontract executed without such written approval shall be void.

AGREEMENT FOR CONTRACT FOR HISTORIC RESTORATION WORK

EDWARD EVERETT HALE HOUSE
12 MORLEY STREET
ROXBURY, MASSACHUSETTS

THIS AGREEMENT made this _____ day of _____ 1980 by and between _____ a corporation organized partnership consisting of _____ an individual trading as _____ hereinafter called "Contractor" and the Boston Redevelopment Authority, hereinafter called "Authority".

WITNESSETH, that the Contractor and the Authority for the consideration stated herein mutually agree as follows:

ARTICLE 1.0 Statement of Work. The Contractor shall furnish all supervision, technical personnel, labor, material, tools, equipment and services, including utility and transportation services, and perform and complete all work required for the construction of the improvements embraced in this Contract for Historic Restoration Work, No. 12 Morley Street in an efficient and workmanlike manner, to the degree of completeness required, in accordance with the Specifications in the Kittredge Square Urban Renewal Area No. Mass. R-167, located in the Kittredge Square District of the City of Boston, Massachusetts, all in strict accordance with the Contract Documents for Massachusetts, all in strict accordance with the Contract Documents for this Contract for Historic Restoration Work including addenda thereto numbered _____ and _____ dated _____ and _____.

ARTICLE 2.0 The Contract Price. The Boston Redevelopment Authority will pay the Contractor for Performance of the Contract in current funds, subject to additions and deductions as provided in the Section-CHANGES IN THE WORK under GENERAL CONDITIONS, PART I, THE SUM OF _____ dollars (\$ _____).

ARTICLE 3.0 Contract Documents. The executed Contract Documents shall consist of the following component parts:

- | | |
|-----------------------------|-------------------------------------|
| 3.1 This Agreement | 3.6 General Conditions, Part I & II |
| 3.2 Addenda (if any) | 3.7 Special Conditions |
| 3.3 Invitation for Bids | 3.8 Technical Specifications |
| 3.4 Instructions to Bidders | |
| 3.5 Signed copy of Bid | |

THIS AGREEMENT, together with other documents enumerated in this Article 3.0, which said other documents are as fully a part of the Contract as if hereto attached or herein repeated, form the Contract between the parties hereto. In the event that any provision in any component part of this Contract conflicts with any provision of any other component part, the provision of the component part first enumerated in this Article 3.0 shall govern, except as otherwise specifically stated.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed in six (6) original copies on the day and year first above written.

Attest:

(Contractor)

By _____

Title _____

(Street)

(City)

Approved as to form:

BOSTON REDEVELOPMENT AUTHORITY

General Counsel

By _____

Title _____

(Print or type the names under
neath all Signatures)

Certification

-22-

I, _____, certify that I am the
_____ of the corporation named as
Contractor herein; that _____ who signed
this Agreement on behalf of the Contractor, was then _____
of Said corporation; that said Agreement was duly signed for and in
behalf of said corporation by authority of its governing body, and is
within the scope of its corporate powers.

Corporate
Seal

BOSTON REDEVELOPMENT AUTHORITY

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That, _____

An individual, a partnership, a corporation organized under the laws of

the _____ of _____

having a usual place of business at _____

as Principal, and _____

a corporation organized under the laws of the _____

of _____ which company is authorized to transact

the business of suretyship in the Commonwealth of Massachusetts and has a usual place of business in Boston, Massachusetts as Surety, are holder and stand firmly bound and obligated unto the Boston Redevelopment Authority, as

Obligee, in the sum of _____

_____ dollars (\$ _____), lawful money of the United States of America, for payment of which, well and truly to be made, we hereby, jointly and severally, bind ourselves and each of us our heirs, executors, administrators, successors and assigns by these presents.

WHEREAS, the said Principal has by means of a written proposal, accepted by the Boston Redevelopment Authority on the _____ day of _____ 19_____, entered into a contract with the said Obligee, a copy of which agreement is attached hereto and by reference made apart hereof;

NOW, THEREFORE, THE CONDITION of this obligation is such that if the said Principal shall well and truly keep and perform all the agreements, terms and conditions of said contract on his part to be kept and performed or furnished, this obligation shall be void; otherwise, it shall remain in full force and effect.

And the said Surety, for value received, hereby stipulates and agrees that no extension of time, or change in, alteration of, or addition to the terms of the contract or the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such extension of time, alteration of, or addition to the terms of the contract or to the specifications.

IN WITNESS WHEREOF, we have hereunto set our hands and seals to this bond this _____ day of _____ 19_____.

WITNESS:

-24-

(SEAL)

WITNESS:

(SEAL)

Name of Surety

(SEAL)

Power of Attorney for person signing for the Surety Company must be attached

CERTIFICATE AS TO CORPORATE PRINCIPAL

(PERFORMANCE BOND)

I _____, certify that I am the
_____ of the corporation named as
Principal in the within Bond; that _____
who signed the said Bond on behalf of the Principal was then _____
_____ of said corporation; that I know his signature and his signature
is genuine; and that said Bond was duly signed, sealed and attested for and
in behalf of said corporation by authority of its governing body.

CORPORATE
SEAL

_____, 19____

BOSTON REDEVELOPMENT AUTHORITY

LABOR AND MATERIALS BOND

KNOW ALL MEN BY THESE PRESENTS:

That _____
an individual, a partnership, a corporation organized under the laws of
the _____ of _____
having a usual place of business at _____
as Principal, and _____
a corporation organized under the laws of the _____
of _____ which company is authorized to trans-
act the business of suretyship in the Commonwealth of Massachusetts and has
a usual place of business in Boston, Massachusetts, as Surety, are holden
and stand firmly bound and obligated unto the Boston Redevelopment Authority,
as Obligee, in the sum of _____ Dollars
(\$ _____) lawful money of the United States of America, for payment
of which, well and truly to be made, we hereby, jointly and severally, bind
ourselves and each of us our heirs, executors, administrators, successors
and assigns by these presents.

WHEREAS, the said Principal has by means of a written proposal, accepted
by the Boston Redevelopment Authority on the _____ day of _____,
19_____, entered into a contract with the said Obligee, a copy of which agree-
ment is attached hereto and by reference made a part hereof:

NOW, THEREFORE, THE CONDITION of this obligation is such that if the
said Principal shall well and truly pay for all labor and materials used or
employed in such work, and for all appliances and equipment employed in such
work, this obligation shall be void; otherwise, it shall remain in full force
and effect.

And the said surety, for value received hereby stipulates and agrees that no extension of time, or change in, alteration of, or addition to the terms of the contract or the specifications accompanying the same shall in any way affect its obligations on this bond and it does hereby waive notice of any such extension of time, alteration of or addition to the terms of the Contract or to the specifications.

IN WITNESS WHEREOF, we have hereunto set our hands and seals to this
bond this _____ day of _____ 19 ____.

WITNESS:

Name of Principal

_____ By _____

WITNESS:

Name of Surety (SEAL)

(SEAL)

By _____

Power of Attorney for person signing for the Surety Company must be attached.

CERTIFICATE AS TO CORPORATE PRINCIPAL

(LABOR AND MATERIALS BOND)

I, _____, certify that I am the
_____ of the corporation named as Principal
in the within Bond; that _____
who signed the said Bond on behalf of the Principal was then _____
_____ of said corporation; that I know his signature
and his signature hereto is genuine; and that said Bond was duly signed,
sealed, and attested for and in behalf of said corporation by authority
of its governing body.

CORPORATE
SEAL

_____, 19____.

GENERAL SPECIFICATIONS

GENERAL CONDITIONS

Part 1

101.0 DEFINITIONS

Wherever used in any of the Contract Documents, the following meanings shall be given to the terms herein defined:

101.0 The term "Contract" means the Contract executed by the Boston Redevelopment Authority and the Contractor, of which these GENERAL CONDITION PART 1 AND 11 form a part. The documents which comprise the Contract are set forth in the Agreement.

101.2 The term "Authority" means the Boston Redevelopment Authority which is authorized to undertake this Contract.

101.3 The term "Contractor" means the person, firm or corporation entering into the Contract with the Authority to construct and install the improvements embraced in this Contract for Emergency Repairs.

101.4 The term "Project Area" means the site of the Urban Redevelopment Project within which are the specified Contract Limits of the Improvements contemplated to be constructed in whole or in part under this Contract.

101.5 The term "Engineer" means the inspector, technician, or engineer in charge, employed by said Authority for the purpose of inspecting and recommending to the Authority rejection or acceptance of the work embraced in this Contract for Emergency Repairs, the said Engineer acting directly or indirectly through any Inspector having general charge of the work or through any assistant having immediate charge of a portion thereof limited by the particular duties intrusted to him.

101.6 The term "Local Government" means the City of Boston, Massachusetts, within which the Project Area is situated.

101.7 The term "Contract Documents" means and shall include the following: Executed Agreement, Addenda (if any), Invitation for Bids, instructions to Bidders, Signed Copy of Bid, General Conditions, Parts 1 and 11, Special Conditions, and Technical Specifications.

101.8 The term "Drawing" means the drawings enumerated in the SCHEDULE OF DRAWINGS. NO DRAWINGS IN THIS CONTRACT FOR RESTORATION WORK. SKETCHES OF REAR PORCHES, AND PHOTO COPIES OF THE STRUCTURE HAVE BEEN INCLUDED TO AID IN THE WORK.

101.9 The term "Technical Specifications" means that part of the Contract Documents which describes, outlines and stipulates: the quality of the materials to be furnished; the quality of workmanship required; and the methods to be used in carrying out the construction work to be performed under this Contract.

101.10 The term "Addendum" or "Addenda" means any change, revisions or clarifications of the Contract Documents which have been duly issued by the Authority to prospective Bidders prior to time of receiving Bids.

101.11 The words "approval of the Authority" or "approved by the Authority", shall mean an approval by vote of the Authority.

101.12 The words "directed", "required", "permitted", "ordered", "designated", "prescribed", or words of like import, shall mean the direction, requirements, permission, order, designation, prescription etc., of the Authority's authorized representative and similarly the words "approved", "acceptable", "satisfactory", or words of like import, shall mean approved by, or acceptable or satisfactory to the Authority's authorized representative, subject in each case to the final determination of the Authority, unless otherwise expressly stated.

102.0 SUPERINTENDENCY BY CONTRACTOR

102.1 Except where the Contractor is an individual and gives his personal superintendence to the work, the Contractor shall have a competent superintendant, satisfactory to the Authority, on the work at all times during working hours with full authority to act for him. The Contractor shall also provide an adequate staff for the proper coordination and expediting of his work.

102.2 The Contractor shall lay out his own work and he shall be responsible for all work executed by him under the Contract. He shall verify all figures and elevations before proceeding with the work and will be held responsible for any error resulting from his failure to do so.

103.0 SUBCONTRACTS

103.1 The Contractor shall not execute an agreement with any subcontractor or permit any subcontractor to perform any work included in this contract until he has submitted a non-collusive affidavit from the subcontractor in substantially the form shown on the following page and has received written approval of such subcontractor from the Authority.

103.2 No proposed subcontractor shall be disapproved by the Authority except for cause.

103.3 The Contractor shall be fully responsible to the Authority for the acts and omissions of his subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.

103.4 The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to require compliance by each subcontractor with the applicable provisions of the Contract for Improvements embraced in the Site Preparation.

103.5 Nothing contained in the Contract shall create any contractual relation between any subcontractor and the Authority.

104.0 OTHER CONTRACTS

The Authority may award, or may have awarded, other Contracts for additional work, and the Contractor shall cooperate fully with such other Contractors, by scheduling his own work with that to be performed under other Contracts as may be directed by the Authority. The Contractor shall not commit or permit any act that will interfere with the performance of work by any other Contractor as scheduled.

105.0 FITTING AND COORDINATION OF THE WORK

The Contractor shall be responsible for the proper fitting of all work and for the coordination of the operations of all trades, subcontractors or material men engaged upon this Contract. He shall be prepared to guarantee to each of his subcontractors the locations and measurements which they may require for the fitting of their work to all surrounding work.

106.0 MUTUAL RESPONSIBILITY OF CONTRACTORS

If, through acts or neglect on the part of the Contractor, any other Contractor or any subcontractor shall suffer loss or damage on the work, the Contractor shall settle with such other Contractor or subcontractor by agreement or arbitration, if such other Contractor or subcontractor will so settle. If such other Contractor or subcontractor shall assert

any claim against the Authority on account of any damage alleged to have been so sustained, the Authority will notify this Contractor, who shall defend at his own expense any suit based upon such claim, and, if any judgement of claims against the Authority shall be allowed, the Contractor shall pay or satisfy such judgement or claim and pay all costs and expenses in connection therewith.

107.0 PROGRESS SCHEDULE

107.1 The Contractor shall submit for approval immediately after execution of the Agreement, a carefully prepared Progress Schedule, showing the proposed dates of starting and completing each of the various sections of the work, the anticipated monthly payments to become due the Contractor, and the accumulated percent of progress each month.

107.2 Cost Breakdown: The Contractor shall submit to the Authority a breakdown of his estimated cost of all work, so arranged and itemized as to meet the approval of the Authority. This breakdown shall be submitted promptly after execution of the agreement and before any payment is made to the Contractor for work performed under the Contract. After approval by the Authority, the prices established in the breakdown shall be used in estimating the amount of partial payments to be made to the Contractor.

107.3 The values employed in making up the Breakdown are for the purpose of making partial payments and shall not be taken as a basis for additions to or deductions from the Contract Price.

108.0 PAYMENTS TO CONTRACTOR

108.1 Partial Payments

108.1.1 The Contractor shall prepare his requisition for partial payment as of the last day of the month and submit it with the required number of copies, to the Authority for approval. The amount of the payment due to the Contractor shall be determined by the value of work completed to date and deducting (1) ten percent (10% of the total amount, to be retained until final payment and (2) the amount of all previous payments. The total value of work completed to date shall be based upon the estimated quantities of work completed to date on each item and the unit prices bid and adjusted in accordance with the value of work completed to date on approved change orders.

Upon presentation by the Contractor of certified copies of paid invoices the Authority may include in the estimate, advance payments for acceptable reinforcing steel, structural steel, piles, pipe or other non-perishable materials purchased expressly for the work and delivered on the work and properly stored on the site, but which materials are not considered as erected or complete in place under the items of the Contract, and for which partial payment as specified in the foregoing paragraph would not be made until such materials were erected or complete in place. The amount to be included in the estimate will be determined by the Engineer but in no case shall it exceed 90% of the value of the materials as shown by the certified copies of paid invoices nor shall payment for material not incorporated in the work exceed 10% of the total contract value at any time during the contract period. Payment will not be approved when the invoice value of such materials as determined by the Engineer amounts to less than \$1,000.00.

Deductions at rates and in amounts which are equal to the payments will be made from estimates as the materials are incorporated on the work.

Payments for the materials, as aforesaid, shall not in itself constitute acceptance and any materials which do not conform to the specification shall be rejected. Further any materials which becomes excess for any reason and are not incorporated in the work shall, if paid for, have their value deducted from any payment to the Contractor at the same rate they were paid originally.

108.1.2 Monthly or partial payments made by the Authority to the Contractor are moneys advanced for the purpose of assisting the Contractor to expedite the work of construction. All material and completed work covered by such monthly or partial payments shall remain the property of the Contractor and he shall be responsible for the care and protection of all materials and work upon which payments have been made. Such payments shall not constitute a waiver of the right of the Authority to require the fulfillment of all terms of the Contract and the delivery of all improvements embraced in this Contract complete and satisfactory to the Authority in all details.

108.1.3 Within ten (10) days after the general contractor receives payment on account of a periodic estimate of the value of the work done, he shall pay to each subcontractor the sum contained therein for the value of said subcontractor's work, less any amount retained therefrom by the awarding authority under the terms of the general contract or in consequence of any legal proceedings or statutory liens, and less any amount due the general contractor under the subcontract. Not later than the sixty-fifth (65th) day after each subcontractor fully completes his portion of the work in accordance with the plans and specifications, the entire balance due under the subcontract shall be due the subcontractor and shall be paid to the general contractor by the awarding authority for the account of the subcontractor and in partial payment of the amount due under the general contract; provided, however, that the awarding authority may withhold from such partial payment all amounts retained by the awarding authority pending its determination that said portion of the work is satisfactory or in consequence of any legal proceedings or statutory liens. The general contractor shall forthwith pay to the subcontractor the full amount received as aforesaid from the awarding authority for the account of such subcontractor less any amount due the general contractor under the subcontract; and the awarding authority may take such steps as it may deem necessary to arrange that such amounts are paid by the general contractor to the subcontractor forthwith. If, within ten (10) days after the aforementioned sixty-fifth (65th) day, the subcontractor has not received from the general contractor the entire balance due on the subcontract less the aforesaid amounts, the subcontractor shall give the awarding authority and the general contractor written notice of such failure to receive payment and of the amount so payable, but not paid, by the general contractor. There upon the awarding authority shall make, out of sums payable to the general contractor on the general contract, direct payment to the subcontractor of the entire balance due on the subcontract less the aforesaid amounts. Such direct payment by the awarding authority to any subcontractor and any payment to a general contractor for the account of a subcontractor as hereinbefore provided shall discharge the obligation of the awarding authority to the general contractor to the extent of such payment.

The awarding authority shall not include in any direct payment made to a subcontractor pursuant to this section any amount claimed from that subcontractor by the general contractor in a letter containing a breakdown of the claim and sent to the awarding authority within ten days after receipt by the general contractor of the copy of the request of the subcontractor to the awarding authority for direct payment.

108.2 Final Payment

108.2.1 After final inspection and acceptance by the Authority of all work under the Contract, the Contractor shall prepare his requisition for final payment which shall be the lump sum shown in the Agreement in the case of a lump sum contract price or shall be based upon the carefully measured or computed quantity of each item of work at the applicable unit prices stipulated in the Agreement in the case of a unit price contract. The foregoing to be adjusted by approved Change Orders.

The total amount of the final payment due the Contractor under this contract shall be the amount as described above less all previous payments. Final payment to the Contractor shall be made subject to his furnishing the Authority with a release in satisfactory form of all claims against the Authority arising under and by virtue of his contract, other than such claims, if any, as may be specifically excepted by the Contractor from the operation of the release as provided under the section entitled DISPUTES under GENERAL CONDITIONS, PART I.

In consideration of the execution of this contract by the Authority the Contractor agrees that simultaneously with the acceptance of what the Authority tenders as the final payment by it under this contract, he will execute and deliver to the Authority an instrument under seal releasing and forever discharging the Authority of and from any and all claims, demands and liabilities whatsoever of every name and nature, both at law and in equity, arising from, growing out of, or in any way connected with this contract, save only such claims, demands and liabilities as are expressly excepted in said instrument.

108.2.2 The Authority, before making any payment including the final payment, may require the Contractor to furnish releases or receipts from all subcontractors having performed any work and all persons having supplied materials, equipment (installed on the Project) and services to the Contractor, if the Authority deems the same necessary in order to protect its interest. The Authority, however, may if it deems such action advisable make payment in part or in full to the Contractor without requiring the furnishing of such releases or receipts and any payments so made shall in no wise impair the obligations of any surety or sureties furnished under this Contract.

108.2.3 Withholding of any amount due the Authority under the section entitled "Liquidated Damages" under SPECIAL CONDITIONS, shall be deducted from the final payment due the Contractor.

108.3 Withholding Payments

The Authority may withhold from any payment otherwise due the Contractor so much as may be necessary to protect the Authority and if it so elects may also withhold any amounts due from the Contractor to any subcontractors or material dealers, for work performed or material furnished by them. The

foregoing provisions shall be construed solely for the benefit of the Authority and will not require the Authority to determine or adjust any claims or disputes between the Contractor and his subcontractors or material dealers, or to withhold any moneys for their protection unless the Authority elects to do so. The failure or refusal of the Authority to withhold any moneys from the Contractor shall in no wise impair the obligations of any surety or sureties under any bond or bonds furnished under the Contract.

108.4 Payments Subject to Submission of Certificate

Each payment to the Contractor by the Authority shall be made subject to the following:

108.4.1 Submission by the Contractor of all written certifications required of him and his subcontractors by the section entitled CONTRACTOR'S CERTIFICATES under GENERAL CONDITIONS.

108.4.2 That no payment made under the Contract shall act as a waiver of the right of the Authority to require the fulfillment of all of the terms of the Contract.

109.0 CHANGES IN THE WORK

109.1 The Authority may make changes in the scope of the work required to be performed by the Contractor under the Contract, or by making addition thereto, or by omitting work therefrom, without invalidating the Contract, and without relieving or releasing the Contractor from any of his obligations under the Contract or any guarantee given by him pursuant to the Contract provisions, and without affecting the validity of the guaranty bonds and without relieving or releasing the surety or sureties of said bonds. All such work shall be executed under the terms of the original Contract unless it is expressly provided otherwise.

109.2 Except for the purpose of affording protection against any emergency endangering life or property, the Contractor shall make no change in the materials used or in the specified manner of constructing and/or installing the Improvements or supply additional labor, services or materials beyond that actually required for the execution of the Contract, unless in pursuance of a written order from the Authority authorizing the Contractor to proceed with the change. No claim for an adjustment of the Contract Price will be valid unless so ordered.

109.3 If applicable unit prices are contained in the Agreement (established as a result of either a unit price bid or a Supplemental Schedule of Unit Prices) The Authority may order the Contractor to proceed with desired changes in the work, the value of such changes to be determined by the measured quantities involved and the applicable unit prices specified in the Contract as provided in Section 17.0 under Instructions to Bidders.

109.4 If applicable unit prices are not contained in the Agreement or if the total net change increases or decreases the total contract price more than twenty-five percent (25%) the Authority shall, before ordering

the Contractor to proceed with desired changes, request an itemized proposal from him covering the work involved in the change after which the procedure shall be as follows:

109.4.1 If the proposal is acceptable the Authority will prepare the change order in accordance therewith for acceptance by the Contractor and;

109.4.2 If the proposal is not acceptable and prompt agreement between the two parties cannot be reached, the Authority may order the Contractor to proceed with the work on a cost-plus limited basis. A cost-plus-limited basis is defined as the net cost of the Contractor's labor, materials and insurance plus fifteen percent (15%) of said net cost to cover overhead and profit, the total cost not to exceed a specified limit.

109.5 Each change order shall include in its final form:

109.5.1 A detailed description of the change in the work.

109.5.2 The Contractor's proposal (if any) or a conformed copy thereof.

109.5.3 A definite statement as to the resulting change in the contract price and/or time.

109.5.4 The statement that all work involved in the change shall be performed in accordance with contract requirements except as modified by the change order.

110.0 CLAIMS FOR EXTRA COST

110.1 If the Contractor claims that any instructions by Drawings or otherwise involve extra cost or extension of time, he shall, within ten (10) days after the receipt of such instructions, and in any event before proceeding to execute the work, submit his protest thereto in writing to the Authority stating clearly and in detail the basis of his objections. No such claim will be considered unless so made.

110.2 Claims for additional compensation for extra work, due to alleged errors in ground elevations, contour lines, or bench marks, will not be recognized unless accompanied by a certified survey data, made prior to the time the original ground was disturbed, clearly showing that errors exist which resulted, or would result, in handling more material, or performing more work, than would be reasonably estimated from the Drawings and maps issued.

110.3 Any discrepancies which may be discovered between actual conditions and those represented by the Drawings shall at once be reported to the Authority and work shall not proceed, except at the Contractor's risk, until written instructions have been received by him from the Authority.

110.4 If, on the basis of the available evidence, the Authority determines that an adjustment of the Contract Price or time is justifiable, the procedure shall then be as provided for in Section 109 - CHANGES IN THE WORK under GENERAL CONDITIONS, PART I.

111.0 TERMINATION: DELAYS, AND LIQUIDATED DAMAGES

111.1 Termination of Contract. If the Contractor refuses or fails to prosecute the work with such diligence as will insure its completion within the time specified in these Contract Documents, or as modified as provided in these Contract Documents, the Authority, by written notice to the Contractor, may terminate the Contractor's right to proceed with the work. Upon such termination, the Authority may take over the work and prosecute the same to completion, by contract or otherwise, and the Contractor and his sureties shall be liable to the Authority for any additional cost incurred by the Authority in its completion of the work and they shall also be liable to the Authority for liquidated damages for any delay in the completion of the work as provided below. If the Contractor's right to proceed is terminated, the Authority may take possession of and utilize in completing the work such materials, tools, equipment, and plant as may be on the site of the work and necessary therefor.

111.2 Liquidated Damages for Delays. If the work is not completed within the time stipulated in Section 403.0 - TIME FOR COMPLETION AND SEQUENCE OF WORK under SPECIAL CONDITIONS, including any extensions of time for excusable delays as herein provided, the Contractor shall pay to the Authority as fixed, agreed, and liquidated damages (it being impossible to determine the actual damages occasioned by the delay) for each calendar day of delay, until the work is completed, the amount as set forth in Section 404.0 - LIQUIDATED DAMAGES under SPECIAL CONDITIONS and the Contractor and his sureties shall be liable to the Authority for the amount thereof.

111.3 Excusable Delays. The right of the Contractor to proceed shall not be terminated nor shall the Contractor be charged with liquidated damages for any delays in the completion of the work due:

111.3.1 To any acts of the Government, including controls or restrictions upon or requisitioning of materials, equipment, tools or labor by reason of war, National Defense, or any other national emergency;

111.3.2 To any acts of the Authority;

111.3.3 To causes not reasonably foreseeable by the parties to this Contract at the time the execution of the contract which are beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God or of the public enemy, acts of another Contractor in the performance of some other contract with the Authority, fires, flood, epidemics, quarantine restrictions, strikes, freight embargoes, and weather of unusual severity such as hurricanes, tornadoes and other extreme weather conditions; and

111.3.4 To any delay of any subcontractor occasioned by any of the causes specified in sub-paragraphs 111.3.1, 111.3.2 111.3.3 of this paragraph 111.3.

Provided, however, that the Contractor promptly notified the Authority within ten (10) days in writing of the cause of the delay.

Upon receipt of such notification the Authority shall ascertain the facts and the cause and extent of delay. If, upon the basis of the facts and the terms of this Contract, the delay is properly excusable, the Authority shall extend the time for completing the work for a period of time commensurate with the period of excusable delay.

112.0 ASSIGNMENT OR NOVATION

The Contractor shall not assign or transfer, whether by an assignment or novation, any of its rights, duties, benefits, obligations, liabilities or responsibilities under this Contract without the written consent of the Authority; provided, however, that assignments to banks, trust companies, or other financial institutions may be made without the consent of the Authority. No assignment or novation of this Contract shall be valid unless the assignment or novation expressly provides that the assignment of any of the Contractor's rights or benefits under the Contract is subject to a prior lien for labor performed, services rendered and materials, tools and equipment supplied for the performance of the work under this Contract in favor of all persons, firms or corporations rendering such labor or services or supplying such materials, tools or equipment.

113.0 DISPUTES

113.1 All disputes arising under this Contract or its interpretation, whether involving law or fact or both, or extra work, and all claims for alleged breach of contract shall within ten (10) days of commencement of the dispute, be presented by the Contractor to the Authority for decision. All papers pertaining to claims shall be filed in quadruplicate. Such notice need not detail the amount of the claim but shall state the facts surrounding the claim in sufficient detail to identify the claim together with its character and scope. In the meantime, the Contractor shall proceed with the work as directed. Any claim not presented within the time limit specified within this paragraph shall be deemed to have been waived, except that if the claim is of a continuing character and notice of the claim is not given within ten (10) days of its commencement, the claim will be considered only for a period commencing ten (10) days prior to the receipt of the Authority of notice thereof.

113.2 The Contractor shall submit in detail his claim and his proof thereof. Each decision by the Authority will be in writing and will be mailed to the Contractor by registered mail, return receipt requested.

113.3 If the Contractor does not agree with any decision of the Authority he shall in no case allow the dispute to delay the work but shall notify the Authority promptly that he is proceeding with the work under protest and he may then except the matter in question from the final release.

113.4 The Authority's decision shall not be final and conclusive but the dispute shall be tried in court on its merits.

114.0 TECHNICAL SPECIFICATIONS AND DRAWINGS

Anything mentioned in the Technical Specifications and not shown on the Drawings, or shown on the Drawings and not mentioned in the Technical Specifications, shall be of like effect as if shown on or mentioned in both. In case of a conflict between Drawings and Technical Specifications, the Technical Specifications shall govern. In case of any discrepancy in Drawings or Technical Specifications, the matter shall be immediately submitted to the Authority, without whose decision said discrepancy shall not be adjusted by the Contractor, save only at his own risk and expense.

115.0 SHOP DRAWINGS

115.1 All required shop drawings, machinery details, layout drawings, etc., shall be submitted to the Authority in 5 copies for approval sufficiently in advance of requirements to afford ample time for checking, including time for correcting, resubmitting and rechecking if necessary. The contractor may proceed, only at his own risk with manufacture or installation of any equipment or work covered by said shop drawings, etc., until they are approved and no claim, by the Contractor, for extension of the contract time will be granted by reason of his failure in this respect.

115.2 Any drawings submitted without the Contractor's stamp of approval will not be considered and will be returned to him for proper re-submission. If any drawings show variations from the requirements of the Contract because of standard shop practice or other reason, the Contractor shall make specific mention of such variation in his letter of transmittal in order that, if acceptable, suitable action may be taken for proper adjustment of contract price and/or time otherwise the Contractor will not be relieved of the responsibility for executing the work in accordance with the Contract even though the drawings have been approved.

115.3 If a shop drawing is in accord with the contract or involves only a minor adjustment in the interest of the Authority not involving a change in contract price or time, the Authority may approve the drawing. The approval shall be general, shall not relieve the Contractor from his responsibility for adherence to the contract or for any error in the drawing and shall contain in substance the following:

"The modification shown on the attached drawing is approved in the interest of the Authority to effect an improvement for the Project and is ordered with the understanding that it does not involve any change in the Contract Price or time; that it is subject generally to all Contract stipulations and covenants; and that it is without prejudice to any and all rights of the Authority under the Contract and surety bond or bonds."

116.0 REQUESTS FOR SUPPLEMENTARY INFORMATION

It shall be the responsibility of the Contractor to make timely requests of the Authority for any additional information not already in his possession which should be furnished by the Authority under the terms of this Contract, and which he will require in the planning and execution of the work. Such requests may be submitted in writing from time to time as the need is approached, but each shall be filed in ample time to permit appropriate action to be taken by all parties involved so as to avoid delay. Each request shall be in writing, and list the various items and the latest date by which each will be required by the Contractor. The first list shall be submitted within two weeks after Contract award and shall be as complete as possible at that time. The Contractor shall, if requested, furnish promptly any assistance and information the Authority may require in responding to these requests of the Contractor. The Contractor shall be fully responsible for any delay in his work or to others arising from his failure to comply fully with the provisions of this Section.

117.0 MATERIALS AND WORKMANSHIP

117.1 Unless otherwise specifically provided for in the Technical Specifications, all workmanship, equipment, materials and articles incorporated in the work shall be new and the best grade of the respective kinds for the purpose. Where equipment, materials, articles or workmanship are referred to in the Technical Specifications as "equal to" any particular standard, the Authority shall decide the question of equality.

117.2 The Contractor shall furnish to the Authority for approval the manufacturer's detailed specifications for all machinery, mechanical and other special equipment, which he contemplates installing together with full information as to type, performance characteristics, and all other pertinent information as required, and shall likewise submit for approval as required full information concerning all other materials or articles which he proposes to incorporate in the work. (See Section 118.0 - SAMPLES, CERTIFICATES AND TESTS under GENERAL CONDITIONS, PART I):

117.3 Machinery, mechanical and other equipment, materials or articles installed or used without such prior approval shall be at the risk of subsequent rejection.

117.4 Materials specified by reference to the number or symbol of a specific standard, such as an A.S.T.M. Standard, a Federal Specification or other similar standard, shall comply with requirements in the latest revision thereof and any amendment or supplement thereto in effect on the date of the Invitation for Bids, except as limited to type, class or grade, or modified in such reference. The standards referred to, except as modified in the Technical Specifications shall have full force and effect as though printed therein.

117.5 The Authority may require the Contractor to dismiss from the work such employee or employees as the Authority may deem incompetent, or careless, or insubordinate.

118.0 SAMPLES, CERTIFICATES AND TESTS

118.1 The Contractor shall submit all material or equipment samples, certificates, affidavits, etc., as called for in the contract documents or required by the Authority, promptly after award of the Contract and acceptance of the Contractor's bond. No such material or equipment shall be manufactured or delivered to the site, except at the Contractor's own risk, until the required samples or certificates have been approved in writing by the Authority. Any delay in the work caused by late or improper submission of samples or certificates for approval shall not be considered just cause for an extension of the contract time.

Each sample submitted by the Contractor shall carry a label giving the name of the Contractor, the project for which it is intended, and the name of the producer. The accompanying certificate or letter from the Contractor shall state that the sample complies with contract requirements, shall give the name and brand of the product, its place of origin, the name and address of the producer and all specifications or other detailed information which will assist the Authority in passing upon the acceptability of the sample promptly. It shall also include the statement that all materials or equipment furnished for use in the project will comply with the samples and/or certified statements.

118.2 Approval of any materials shall be general only and shall not constitute a waiver of the Authority's right to demand full compliance with Contract requirements. After actual deliveries, the Authority will have such check tests made as it deems necessary in each instance and may reject materials and equipment and accessories for cause, even though such materials and articles have been given general approval. If materials, equipment or accessories which fail to meet check tests have been incorporated in the work, the Authority will have the right to cause their removal and replacement by proper materials or to demand and secure such reparation by the Contractor as is equitable.

118.3 Except as otherwise specifically stated in the Contract, the costs of sampling and testing will be divided as follows:

118.3.1 The Contractor shall furnish without extra cost, including packing and delivery charges, all samples required for testing purposes, except those samples taken on the project by the Authority;

118.3.2 The Contractor shall assume all costs of retesting materials which fail to meet contract requirements;

118.3.3 The Contractor shall assume all costs of testing materials offered in substitution for those found deficient; and

118.3.4 The Authority will pay all other expenses.

119.1 The Contractor shall give all notices required by and comply with all applicable laws, ordinances, codes, rules and regulations. All construction work and/or utility installations shall comply with all applicable ordinances, and codes including all written waivers. Before installing any work, the Contractor shall examine the Technical Specifications for compliance with applicable ordinances and codes and shall immediately report any discrepancy to the Authority. Where the requirements of the Technical Specifications fail to comply with such applicable ordinances or codes, the Authority will adjust the Contract by Change Order to conform to such ordinances or codes (unless waivers in writing covering the difference have been granted by the governing body or department) and make appropriate adjustment in the Contract Price.

Should the Contractor fail to observe the foregoing provisions and proceed with the construction and/or install any utility at variance with any applicable ordinance or code, including any written waivers (notwithstanding the fact that such installation is in compliance with the Technical Specifications the Contractor shall remove such work without cost to the Authority; but a Change Order will be issued to cover only the excess cost the Contractor would have been entitled to receive if the change had been made before the Contractor commenced work on the items involved.

119.2 The Contractor shall at his own expense, secure and pay to the appropriate department of the Commonwealth of Massachusetts or the City of Boston, the fees or charges for all permits for street pavements, sidewalks, sheds, removal of abandoned water taps, sealing of house connection drains, pavements, cuts, building, electrical, plumbing, water, gas and sewer permit required by the regulatory body or any of its agencies.

The Contractor shall also ascertain from the Permit Division of City of Boston Public Works Department the cost of pavement opening permits which he must pay at his own expense to the City (which will not include any monies for permanent pavement repair) for pavement openings necessary under the contract. Said permit shall not relieve the contractor of any necessary temporary pavement patching required.

Without limiting the generality of the foregoing, the Contractor shall at his own expense, pay for the services of any concrete or other inspectors which the Contractor, under any applicable law, ordinance, rule, regulation, or code, may be required to employ or pay directly and for the cost of obtaining any bond or security which, under any applicable law, ordinance, rule, regulation or order the Contractor may be obliged to furnish as a condition to obtaining any such license or permit. It shall be the obligation of the Contractor to make all necessary applications and to take all steps for the securing of permits or licenses, to attend the office or offices of the issuing department or agency and to receive all necessary permits or licenses before commencing the applicable work.

119.3 The Contractor shall comply with applicable laws and ordinances governing the disposal of surplus excavation, materials, debris and rubbish on or off the Project Area and commit no trespass on any public or private property in any operation due to or connected with the Improvements embraced in this Contract.

120.0 CARE OF WORK

120.1 The Contractor shall be responsible for all damages to persons or property that occur as a result of his fault or negligence in connection

with the prosecution of the work and shall be responsible for the proper care and protection of all materials delivered and work performed until completion and final acceptance, whether or not the same has been covered in whole or in part by payments made by the Authority.

120.2 The Contractor shall provide sufficient competent watchman, both day and night, including Saturdays, Sundays and Holidays from the time of award of contract until final completion and acceptance.

120.3 In an emergency affecting the safety of life or property, including adjoining property, the Contractor, without special instructions or authorization from the Authority is authorized to act at his discretion to prevent such threatened loss or injury, and he shall so act. He shall likewise act if instructed to do so by the Authority. Any compensation claim due the Contractor on account of such emergency work as determined by the Authority, will be processed as provided in the Section 109.0, CHANGES IN THE WORK under GENERAL CONDITIONS, PART I.

120.4 The Contractor shall avoid damage as a result of his operations to existing sidewalks, streets, curbs, pavements, utilities, (except those which are to be replaced or removed) adjoining property, etc., and he shall at his own expense completely repair any damage thereto caused by his operations.

120.5 The Contractor shall shore up, brace, underpin, secure, and protect as may be necessary all foundations and other parts of existing structures adjacent to, adjoining, and in the vicinity of the Site, which may be in any way affected by excavations or other operations connected with the construction of the Improvements embraced in this Contract. The Contractor shall be responsible for the giving of any and all required notices to any adjoining or adjacent property owner or other party before the commencement of any work. The Contractor shall indemnify and save harmless the Authority from any damages on account of settlement or the loss of lateral support of adjoining property and from all loss or expense and all damages for which the Authority may become liable in consequence of such injury or damage to adjoining property and to adjoining and adjacent structures and their premises.

121.0 ACCIDENT PREVENTION

121.1 The Contractor shall exercise proper precautions at all times for the protection of persons and property and shall be responsible for all damages to persons or property, either on or off the site, which occur as a result of his prosecution of the work. The safety provisions of applicable laws and building and construction codes shall be observed, and the Contractor shall take or cause to be taken such additional safety and health measures as the Authority may determine to be reasonably necessary. Machinery, equipment and all hazards shall be guarded in accordance with the safety provisions of the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, Inc., to the extent that such provisions are not in conflict with applicable local laws. The contractor shall also comply with the "Construction Safety and Health Regulations" of the Occupational Safety and Health Administration United States Department of Labor.

121.2 The Contractor shall maintain an accurate record of all cases of death, occupational disease, and injury requiring medical attention or

causing loss of time from work, arising out of and in the course of employment on work under the Contract. The Contractor shall promptly furnish the Authority with reports concerning these matters.

121.3 The Contractor shall indemnify and save harmless the Authority from any claims for damages resulting from personal injury and/or death suffered or alleged to have been suffered by any person as a result of any work conducted under this contract.

122.0 SANITARY FACILITIES

The Contractor shall furnish, install and maintain ample sanitary facilities for the workmen. As the needs arise, a sufficient number of enclosed temporary toilets shall be conveniently placed as required by the sanitary codes of the State and City of Boston. Drinking water shall be provided from an approved source, so piped or transported as to keep it safe and fresh and served from single service containers or satisfactory types of sanitary drinking stands or fountains. All such facilities and services shall be furnished in strict accordance with existing and governing health regulations.

123.0 USE OF PREMISES

123.1 The Contractor shall confine his equipment, storage of materials and construction operations to the Contract Limits as shown on the Drawings and as prescribed by ordinances or permits, or as may be directed by the Authority, and shall not unreasonably encumber the site or public rights-of-way with his materials and construction equipment.

123.2 The Contractor shall comply with all reasonable instructions of the Authority and the ordinances and codes of the City of Boston and Commonwealth of Massachusetts, regarding signs, advertising, traffic, fires, explosives, danger signals, barricades and fire prevention.

124.0 REMOVAL OF DEBRIS, CLEANING, ETC.

The Contractor shall, periodically or as directed during the progress of the work, remove and legally dispose of all surplus excavated materials and debris, and keep the Project Area and public rights-of-way reasonably clear. Upon completion of the work, he shall remove all temporary construction facilities, debris and unused materials provided for the work, and put the whole site of the work and public rights-of-way in a neat and clean condition. Trash burning on the site will be subject to prior approval of the Authority and existing State and City laws.

125.0 INSPECTION

125.1 All materials and workmanship shall be subject to inspection, examination, or test by the Authority and/or its Inspector at any and all times during manufacture or construction and at any and all places where such manufacture or construction is carried on. The Authority shall have the right to reject defective material and workmanship or require its correction. Unacceptable workmanship shall be satisfactorily corrected. Rejected material shall be promptly segregated and removed from the Project Area and replaced with material of specified quality without charge therefor. If the Contractor fails to proceed at once with the correction of rejected

workmanship or defective material, the Authority may by contract or otherwise have the defects remedied or rejected materials removed from the Project Area and charge the cost of the same against any moneys which may be due the Contractor, without prejudice to any other rights or remedies of the Authority.

125.2 The Contractor shall furnish promptly all materials reasonably necessary for any tests which may be required. (See Section 118.0, SAMPLES, CERTIFICATES AND TESTS under the GENERAL CONDITIONS, PART I). All tests by the Authority will be performed in such manner as not to delay the work unnecessarily and shall be made as described in the Technical Specifications.

125.3 The Contractor shall notify the Authority sufficiently in advance of backfilling or concealing any facilities to permit proper inspection. If any facilities are concealed without approval or consent of the Authority, the Contractor shall uncover for inspection and recover such facilities all at his own expense, when so requested by the Authority.

Should it be considered necessary or advisable by the Authority at any time before final acceptance of the entire work to make an examination of work already completed, by uncovering the same, the Contractor shall on request promptly furnish all necessary facilities, labor, and material.

If such work is found to be defective in any important or essential respect, due to fault of the Contractor or his subcontractors he shall defray all the expense of such examination and of satisfactory reconstruction. If, however, such work is found to meet the requirements of the Contract, the actual cost of labor and material necessarily involved in the examination and replacement, plus 15 percent of such costs to cover superintendence, general expenses and profit, shall be allowed the Contractor and he shall in addition if completion of the work of the entire Contract has been delayed thereby, be granted a suitable extension of time on account of the additional work involved.

125.4 Inspection of materials and appurtenances to be incorporated in the Improvements embraced in this Contract may be made at the place of production, manufacture or shipment, whenever the quantity justifies it, and such inspection and acceptance, unless otherwise stated in the Technical Specifications, shall be final, except as regards (1) latent defects, (2) departure from specific requirements of the Contract, (3) damage or loss in transit, or (4) fraud or such gross mistakes as amount to fraud. Subject to the requirements contained in the preceding sentence, the inspection of material as a whole or in part will be made at the Project Site.

125.5 Neither inspection, testing, approval nor acceptance of the work in whole or in part, by the Authority or its agents shall relieve the Contractor or his sureties of full responsibility for materials furnished or work performed not in strict accordance with the Contract.

126.0 REVIEW BY THE AUTHORITY

The Authority, its authorized representatives and agents, shall at all times, have access to and be permitted to

observe and review all work, materials, equipment, payrolls, personnel records, employment conditions, material invoices, and other relevant data and records pertaining to this Contract, provided however, that all instructions and approvals with respect to the work will be given to the Contractor only by the Authority through its authorized representative or agents.

127.0 FINAL INSPECTION

127.1 When the Improvements embraced in this Contract are substantially completed, the Contractor shall notify the Authority in writing that the work will be ready for final inspection on a definite date which shall be stated in such notice. The notice shall bear the signed concurrence of the representative of the Authority having charge of inspection and shall be given at least ten (10) days prior to the date stated for final inspection. If the Authority determines that the status of the Improvements is as represented it will make the arrangements necessary to have final inspection commenced on the date stated in such notice or as nearly thereafter as is practicable. The Inspection party will also include the DHUD Representative and representatives of each department of the City of Boston having charge of Improvements of like character, when such Improvements are later to be accepted by the City of Boston.

128.0 DEDUCTION FOR UNCORRECTED WORK

If the Authority deems it not expedient to require the Contractor to correct work not done in accordance with the Contract Documents an equitable deduction from the Contract Price will be made by agreement between the Contractor and the Authority, and subject to settlement, in case of dispute as herein provided.

129.0 INSURANCE

129.1 Before commencing work the Contractor shall submit copies of his Workmen's Compensation and Manufacturer's and Contractor's Public Liability Insurance policies to the Authority for review and approval. He shall similarly submit his subcontractor's policies of similar insurance before each commences work. The policies submitted shall be scheduled on an approved form to be supplied by the Authority. The Authority will, in writing, identify the policies and indicate its approval or disapproval of the policies. New policies from other companies shall be provided in place of those disapproved. Such insurance shall be carried with financially responsible insurance companies, licensed in the State and approved by the Authority, and shall be kept in force until the Contractor's work is accepted by the Authority. Contracts of insurance (covering all operations under this Contract) which expire before the Contractor's work is accepted by the Authority shall be renewed and submitted to the Authority for its approval.

129.0 INSURANCE (Continued)

The Contractor shall be responsible for maintaining insurance coverage in force for the life of this Contract of the kinds and in adequate amounts to secure all of his obligations under the Contract and with insurance companies licensed to write such insurance in the Commonwealth of Massachusetts. The kinds and amounts of such insurance carried shall not be less than the kinds and amounts designated herein, and the Contractor agrees that the stipulation herein of the kinds and minimum amounts of insurance coverage or the acceptance by the Authority of certificates indicating the kinds and limits of coverage shall in no way limit the liability of the Contractor to any such kinds and amounts of insurance coverage. All policies issued shall indemnify and save harmless the Authority, their agents and employees from any and all claims for damages arising out of this Contract, to either persons or property. All insurance policies written for this Contract shall be written with such company as may be acceptable to the Authority, and shall be submitted to the Authority for review and approval. All policies so written shall be extended for the full life of the construction contract. All policies furnished as specified shall be provided by the Contractor and/or Subcontractor at no additional expense to the Authority.

129.2 Workmen's Compensation Insurance: The Contractor shall carry or require that adequate statutory Workman's Compensation Insurance be carried for all his employees and those of his subcontractors on the project in accordance with State Workmen's Compensation Laws, and shall, in addition, provide, where practicable, Employer's General Liability Insurance for the benefit of his employees not protected by such compensation laws, and proof of such insurance satisfactory to the Authority shall be given. Satisfactory certificates of said insurance shall be filed with the Authority prior to the preparation of the construction contracts. The Contractor will be charged with the responsibility for proper and adequate Workman's Compensation coverage for all his subsequent operations, and in the event the Contractor's policy does not cover each and every subcontractor, certificates of insurance issued on policies covering each and every subcontractor, shall be filed with the Authority prior to the commencement of such subcontract operations.

The Contractor shall give written or printed notice to all persons under contract of hire with him and to every person with whom he is about to enter into a contract of hire, that he has provided for payment to injured employees by insuring as provided under Chapter 152 of General Laws. The foregoing shall also apply to subcontractors. The form of notice to be posted is prescribed by the Department of Industrial Accidents of the Commonwealth of Massachusetts.

129.3 Contractor's Comprehensive Manufacturers' and Contractors' Liability and Property Damage Liability Insurance:

- (1) The Contractor shall carry or require that there be carried Comprehensive General Liability Insurance providing for a limit of not less than \$500,000.00 for all damages arising out of bodily injuries to or death of one person, and subject to that limit for each person, a total limit of not less than \$2,500,000 for all damages arising out of bodily injuries to or death of two or more persons in any one accident to protect the Contractor and his subcontractors against claims for injury to or death of one, or more than one person, due to accidents which may occur or result from operations under the Contract. Such insurance shall cover the use of all equipment, hoists, motor vehicles on the site or hauling materials or debris from the site. The Contractor shall also carry Contractor's Comprehensive Property Damage Liability Insurance providing for a limit of not less than \$500,000.00 for all damages arising out of injury to or destruction of property in any one accident, and subject to that limit per accident, a total (or aggregate) limit of not less than \$2,000,000 for all damages arising out of injury to or destruction of property during the policy period.
- (2) Satisfactory certificates of said insurance shall be filed with the Authority prior to the preparation of the construction contracts. The Contractor will be charged with the responsibility for similar Public Liability protection for all his subcontract operations, and, in the event that the Contractor's policy does not cover each and every subcontractor, certificates of insurance issued on policies covering each and every subcontractor shall be filed with the Authority prior to the commencement of such subcontract operations.

129.4 Owner's Protective Liability Insurance and Property Damage:

The Contractor shall provide the Authority an insurance policy written in the name of the Authority, its employees, servants and agents, to protect them from any liability which might be incurred against them as a result of any operations of the Contractor or his subcontractors or their employees. Such insurance shall provide for a limit of not less than \$500,000.00 all damages arising out of bodily injuries to or death of one person, and subject to that limit for each person, a total limit of not less than \$2,500,000.00 for all damages arising out of bodily injuries to or death of two or more persons in any one accident; and not less than \$500,000.00 for all damages arising out of injury to or destruction of property in any one accident and subject to that limit per accident, a total (or aggregate) limit of not less than \$2,500,000 for all damages arising out of such injury or destruction of property during the policy period.

129.0 INSURANCE (Continued)

129.5 Comprehensive Automobile Liability and Property Damage Insurance:

The Contractor shall carry Comprehensive Automobile Liability Insurance covering all owned vehicles, hired vehicles or non-owned vehicles in the amount of not less than \$500,000.00 for all damages arising out of bodily injuries to or death of one person and subject to that limit for each person, a total of not less than \$1,000,000.00 for all damages arising out of bodily injuries to or death of two or more persons in any one accident: and Property Damage coverage in the amount of not less than \$500,000.00 for all damages arising out of injury to or destruction of property.

129.6 Insurance covering special hazards: Special hazards shall be covered by rider or riders to the Public Liability and Property Damage insurance policy or policies hereinabove required to be furnished by the Contractor or by separate policies of insurance as follows:

- (1) Property Damage Liability arising out of the collapse of or structural injury to any building or structure due to excavation (including borrowing, filling or backfilling in connection therewith), cofferdam work or removal or rebuilding of any structural support thereof.
- (2) Property Damage Liability for injury to or destruction of property arising, directly or indirectly, from blasting or explosions however caused, other than explosions of air or steam vessels, piping under pressure, prime movers, machinery or power transmitting equipment.
- (3) Property Damage Liability for injury to or destruction of wires, conduits, pipes, mains, sewers or other similar property, or any apparatus in connection therewith, below the surface of the ground arising from and during the use of mechanical equipment for the purpose of excavating or drilling within project limits; injury to or destruction of property at any time resulting therefrom.
- (4) The Contractor shall require similar insurance in such amounts to be taken out and maintained by subcontractors.

129.0 INSURANCE (Continued)

129.7 Fire Insurance:

- (1) During the progress of work the Contractor shall effect and maintain BUILDER'S RISK INSURANCE ON COMPLETED VALUE FORM against loss by fire, lightning, windstorm, hurricane, cyclone, tornado, hail, explosion, riot, riot attending a strike, aircraft, smoke and vehicle damage, vandalism and malicious mischief upon all work in place and all material stored at the building site, whether or not covered by partial payments made by the Authority. This insurance shall be in an amount equal to 100 percent of the insurable portion of the project and shall be for the benefit of the Authority, the Contractor and each subcontractor as their interest may respectively appear. The Contractor shall furnish the Authority with certified copies of the policy of said insurance immediately before preparation on the construction contracts.
- (2) Policies shall be executed with the construction contract; the policies shall be issued for the protection of the Contractor and the Authority and its agents.
- (3) The policy shall indicate the Authority and its agents, Contractor, and all Subcontractors as the name insured with the loss payable to the Authority as Trustee.

130.0 PATENTS

The Contractor shall hold and save the Authority, its officers, and employees, harmless from liability of any nature or kind, including costs and expenses, for, or on account of, any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract, including its use by the Authority, unless otherwise specifically stipulated in the Technical Specifications.

131.0 WARRANTY OF TITLE

No material, supplies, or equipment for the work shall be purchased subject to any chattel mortgage or under a conditional sale or other agreement by which an interest therein or in any part thereof is retained by the seller or supplier. The Contractor shall warrant good title to all materials, supplies, and equipment installed or incorporated in the work and upon completion of all work, shall deliver the same together with all improvements and appurtenances constructed or placed thereon by him to the Authority free from any claims, liens, or charges. Neither the Contractor

131.0 WARRANTY OF TITLE (Continued)

nor any person, firm or corporation furnishing any material or labor for any work covered by this Contract shall have any right to a lien upon any improvement or appurtenance thereon. Nothing contained in this paragraph, however, shall defeat or impair the right of persons furnishing materials or labor to recover under any bond given by the Contractor for their protection or any rights under any law permitting such persons to look to funds due the Contractor in the hands of the Authority. The provisions of this paragraph shall be inserted in all subcontracts and material contracts and notice of its provisions shall be given to all persons furnishing materials for the work when no formal contract is entered into for such materials.

132.0 GENERAL GUARANTY

Neither the final certificate of payment nor any provision in the Contract nor partial or entire use of the Improvements embraced in this Contract by the Authority or the public shall constitute an acceptance of work not done in accordance with the Contract or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall promptly remedy any defects in the work and pay for any damage to other work resulting therefrom which shall appear within a period of 12 months from the date of final acceptance of the work. The Authority will give notice of defective materials and work with reasonable promptness.

133.0 CONTRACTOR TO MAKE OWN EXAMINATION

Plans, calculations, estimates of quantities, and any statements made in the Instructions to Bidders or otherwise as to the conditions under which the work is to be performed are not guaranteed by the Authority to be correct or to be a complete representation of all existing data on conditions affecting the work, and the Contractor agrees that he has made his own examination and will make no claim for damages on account of any errors, inaccuracies or omissions that may be found.

The Contractor shall not take any advantage or have any claim for damages on account of any discrepancy, error or omission in any plans, calculations, estimates of quantities, or any statement made in the instruction for Bidders or otherwise as to the conditions under which the work is to be performed, and he shall report such discrepancy, error or omission to the Authority in writing as soon as it comes to his knowledge, and before proceeding with work related to such discrepancy, error or omission. Any correction or modification of the Specifications may be made by the Authority when necessary, in their opinion, for the proper fulfillment of their purpose or for their proper interpretation.

134.0 REVISIONS TO CHAPTER 30, GENERAL LAWS, SECTIONS 39G and 39M.

SECTION 1. Chapter 30 of the General Laws is hereby amended by striking out Section 39G, as most recently amended by section 3 of chapter 774 of the acts of 1972 and inserting in place thereof the following section: -

Section 39G. Upon substantial completion of the work required by a contract with the commonwealth, or any agency or political subdivision thereof, for the construction, reconstruction, alteration, remodeling, repair or improvement of public ways, including bridges and other highway structures, sewers and, water mains, airports and other public works, the contractor shall present in writing to the awarding authority its certification that the work has been substantially completed. Within twenty-one days thereafter, the awarding authority shall present to the contractor either a written declaration that the work has been substantially completed or an itemized list of incomplete or unsatisfactory work items required by the contract sufficient to demonstrate that the work has not been substantially completed. The awarding authority may include with such list a notice setting forth a reasonable time, which shall not in any event be prior to the contract completion date, within which the contractor must achieve substantial completion of the work. In the event that the awarding authority fails to respond, by presentation of a written declaration or itemized list as aforesaid, to the contractor's certification within the twenty-one day period, the contractor's certification shall take effect as the awarding authority's declaration that the work has been substantially completed.

Applies to all construction projects except buildings

Contractor initiates final payments procedure

Substantial completion in force when agency fails to respond

Within sixty-five days after the effective date of a declaration of a substantial completion, the awarding authority shall prepare and forthwith send to the contractor for acceptance a substantial completion estimate for the quantity and price of the work done and all but one percent retainage on that work, including the quantity, price and all but one percent retainage for the undisputed part of each work item and extra work item in dispute but excluding the disputed part thereof, less the estimated cost of completing all incomplete and unsatisfactory work items and less the total periodic

payments made to date for the work. The awarding authority also shall deduct from the substantial completion estimate an amount equal to the sum of all demands for direct payment filed by subcontractors and not yet paid to subcontractors or deposited in joint accounts pursuant to section thirty-nine F, but no contract subject to said section thirty-nine F shall contain any other provision authorizing the awarding authority to deduct any amount by virtue of claims asserted against the contract by subcontractors, material shippers or others.

Substantial completion estimate to be filed 65 days

If the awarding authority fails to prepare and send to the contractor any substantial completion estimate required by this section on or before the date herein above set forth, the awarding authority shall pay to the contractor interest on the amount which would have been due to the contractor pursuant to such substantial completion estimate at the rate of three percentage points above the rediscount rate then charged by the Federal Reserve Bank of Boston from such date to the date on which the awarding authority sends that substantial completion estimate to the contractor for acceptance or to the date of payment therefor, whichever occurs first. The awarding authority shall include the amount of such interest in the substantial completion estimate.

Interest to accrue on 65 day period

Within fifteen days after the effective date of the declaration of substantial completion, the awarding authority shall send to the contractor by certified mail, return receipt requested, a complete list of all incomplete or unsatisfactory work items, and unless delayed by causes beyond his control, the contractor shall complete all such work items within forty-five days after the receipt of such list or before the then contract completion date, whichever is later. If the contractor fails to complete such work within such time, the awarding authority may, subsequent to seven days' written notice to the contractor by certified mail, return receipt requested, terminate the contract and complete the incomplete or unsatisfactory work items and charge the cost of same to the contractor.

Work to be completed within 45 days of estimate

Within thirty days after receipt by the awarding authority of a notice from the contractor stating that all of the work required by the contract has been completed, the awarding authority shall prepare and forthwith send to the contractor for acceptance a final estimate for the quantity and price of the work done and all retainage on that work less all payments made to date, unless the awarding authority's inspection shows that work items required by the contract remain incomplete or unsatisfactory, or that documentation required by the contract has not been completed. If the awarding authority fails to prepare and send to the contractor the final

estimate within thirty days after receipt of notice of completion, the awarding authority shall pay to the contractor interest on the amount which would have been due to the contractor pursuant to such final estimate at the rate hereinabove provided from the thirtieth day after such completion until the date on which the awarding authority sends the final estimate to the contractor for acceptance or the date of payment therefor, whichever occurs first, provided that the awarding authority's inspection shows that no work items required by the contract remain incomplete or unsatisfactory. Interest shall not be paid hereunder on amounts for which interest is required to be paid in connection with the substantial completion estimate as hereinabove provided. The awarding authority shall include the amount of the interest required to be paid hereunder in the final estimate.

The awarding authority shall pay the amount due pursuant to any periodic, substantial completion or final estimate within thirty-five days after receipt of written acceptance for such estimate from the contractor and shall pay interest on the amount due pursuant to such estimate at the rate hereinabove provided from that thirty-fifth day to the date of payment.

35 days to pay on periodic estimate

No periodic, substantial completion or final estimate or acceptance or payment thereof shall bar a contractor from reserving all rights to dispute the quantity and amount of, or the failure of the awarding authority, to approve a quantity and amount of, all or part of any work item or extra work item.

Substantial completion, for the purposes of this section, shall mean either that the work required by the contract has been completed except for work having a contract price of less than one percent of the then adjusted total contract price, or substantially all of the work has been completed and opened to public use except for minor incomplete or unsatisfactory work items that do not materially impair the usefulness of the work required by the contract.

Definition of substantial completion

SECTION 2. Section 39M of said chapter 30 is hereby amended by inserting after the first sentence the following two sentences: - Every bid for such contract shall be accompanied by a bid deposit in the form of a bid bond, or cash, or a certified check on, or a treasurer's or cashier's check issued by, a responsible bank or trust company, payable to the awarding authority. Such bid deposit shall be in an amount not less than five percent of the value of the proposed work, as estimated by the awarding authority, but in no event less than one hundred dollars.

Bid bonds to be accepted in lieu of cash

SECTION 3. This act shall not be applicable to contracts executed prior to January first, nineteen hundred and seventy-six.

Statute applicable to contracts awarded after January 1, 1976

GENERAL SPECIFICATIONS

GENERAL CONDITIONS

PART II

(LABOR-STANDARDS PROVISIONS)

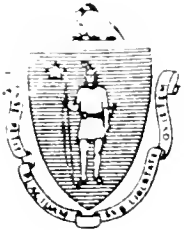
201.0 DEFINED TERMS

Except where the context clearly indicates otherwise, the following terms as used in these Labor-Standards Provisions, shall have the meanings ascribed to them in this Section. The term, "Subcontractor", means any Subcontractor whose subcontract covers any of the work covered by this Contract. The term, "subcontract", means any subcontract which calls for the performance of any of the work covered by this Contract.

202.0 MINIMUM WAGE RATES FOR LABORERS AND MECHANICS

All laborers and mechanics employed upon the work covered by this Contract shall be paid unconditionally and not less often than once each week, and without subsequent deduction or rebate on any account (except such payroll deductions as are made mandatory by law and such other payroll deductions as are permitted by applicable regulations issued by the Commissioner of Labor and Industries, Massachusetts Department of Labor and Industries, pursuant to the Anti-Kickback Rules hereinafter identified), the full amounts due at time of payment computed at wage rates not less than those contained in the wage determination decision of said Commissioner of Labor and Industries which is set forth below and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor or any Subcontractor and such laborers and mechanics. All laborers and mechanics employed upon such work shall be paid in cash, except that payment may be by check if the employer provides or secures satisfactory facilities approved by the Boston Redevelopment Authority for the cashing of the same without cost or expense to the employee.

(See following page for Wage Rates)



The Commonwealth of Massachusetts

Executive Office of Manpower Affairs

Department of Labor and Industries

Leverett Saltonstall Building, Government Center

100 Cambridge Street, Boston 02202

September 29, 1980

Boston Redevelopment Authority
Robert B. McGilvray
125 State St.
Boston, MA 02109

Dear Sir:

In accordance with your request, I am attaching hereto a list of the Classifications and Minimum Wage Rates to be determined by the Commissioner of Labor and Industries, under the provisions of Chapter 149, Section 26 through 27G, of the General Laws, as amended, to be paid to Mechanics, Apprentices, Teamsters, Chauffeurs and Laborers.

Exterior Restoration

ROXBURY

Very truly yours,

A handwritten signature in dark ink, appearing to read "William M. Shipps", written over a horizontal line.

WILLIAM M. SHIPPS
COMMISSIONER

WMS: IP
Att.

The Commonwealth of Massachusetts
DEPARTMENT OF LABOR AND INDUSTRIES
DIVISION OF INDUSTRIAL SAFETY
MINIMUM WAGE RATES
STATE-WIDE*

as determined by the Commissioner under the provisions of the Massachusetts
General Laws, Chapter 149, Sections 26 to 27D

Exterior Restoration

PROJECT	Local		#	TOWN		Roxbury	
AWARDING							
AUTHORITY	Boston Redevelopment Auth.			LOCATION	12 Morley St.		
Classification	Date	Total Rate	Date	Total Rate	Date	Total Rate	
COMMON LABORER	06-04-79	10.65	06-02-80	11.40			
MASON TENDER	06-04-79	10.90	06-02-80	11.65			
CAISSON TENDER	06-04-79	10.65	06-02-80	11.40			
PLASTER'S TENDER	06-04-79	10.90	06-02-80	11.65			
JACK HAMMER OPER.	06-04-79	10.90	06-02-80	11.65			
STONE SPREADER	06-04-79	10.90	06-02-80	11.65			
BLASTER	06-04-79	11.65	06-02-80	12.40			
ASPHALT RAKER	06-04-79	10.90	06-02-80	11.65			
CURB SETTER	06-04-79	11.40	06-02-80	12.15			
PIPE LAYER	06-04-79	10.90	06-02-80	11.65			
PRE CAST FLOOR	06-04-79	11.15	06-02-80	11.90			
WATCHMAN	06-04-79	7.75	06-02-80	8.15			
AIR TRACK DRLR. OP.	06-04-79	11.40	06-02-80	12.15			
FENCE ERECTOR	06-04-79	10.90	06-02-80	11.65			
MINER	06-04-79	11.45	12-01-79	11.70	06-02-80	12.45	
DRILLER	06-04-79	11.52	06-02-80	12.27			
DRILLER'S HELPER	06-04-79	10.77	06-02-80	11.52			
TRUCK DRIVER	05-01-79	11.075	05-01-80	11.835			
OPER. 3 AXLE EQUIP.	05-01-79	11.135	05-01-80	11.905			
OPER. 4 & 5 AXLE "	05-01-79	11.245	05-01-80	12.025			
EUCLID OPERATOR	05-01-79	11.345	05-01-80	12.125			
GRAVEL & FILL							
TRUCK DRIVER	05-01-80	10.735					
OPER. 3 AXLE EQUIP.	05-01-80	10.805					
OPER. 4&5 AXLE	05-01-80	10.925					
SIGN ERECTOR	03-01-79	10.62	12-01-79	10.72	06-01-80	11.27	
"ERECTOR'S HELPER	03-01-79	9.50	12-01-79	9.60	06-01-80	10.15	
ASPH. DRVR.	04-01-79	9.745	04-01-80	9.9425	04-01-81	10.1425	
ASPH. 1 MAN SPRAY	04-01-79	10.835	04-01-80	11.0325	04-01-81	11.2325	
ASPH. HELPER	04-01-79	9.535	04-01-80	9.7325	04-01-81	9.9325	
DIVER	06-01-78	17.15	12-16-78	17.45	06-16-79	17.85	
DIVER'S HELPER	06-16-78	12.75	12-16-78	13.05	06-16-79	13.45	
PILE DRIVER	06-16-78	12.75	12-16-78	13.05	06-16-79	13.45	
BOILER MAKER	10-01-79	16.025	07-01-80	16.015			
MILLWRIGHT	07-01-80	14.90	01-01-81	15.65	07-01-81	16.45	

9/20/80

9/26/80

The Commonwealth of Massachusetts
DEPARTMENT OF LABOR AND INDUSTRIES
DIVISION OF INDUSTRIAL SAFETY
BOSTON*

MINIMUM WAGE RATESRevised 09/24/80

as determined by the Commissioner under the provisions of the Massachusetts General Laws, Chapter 149, Sections 26 to 27D.

Exterior Restoration

PROJECT	<i>Local</i>	#		TOWN	<i>Roxbury</i>	
AWARDING						
AUTHORITY	<i>Boston Redevelopment Auth.</i>			LOCATION	<i>12 Morris St.</i>	
Classification	Date	Total Rate	Date	Total Rate	Date	Total Rate
Master Mechanic	3-1-79	15.75	10-1-79	16.22	5-1-80	16.97
Maint. Mechanic	3-1-79	14.48	10-1-79	14.92	5-1-80	15.62
Hoisting Engineer	3-1-79	14.60	10-1-79	15.04	5-1-80	15.74
Crane Oper.	3-1-79	14.60	10-1-79	15.04	5-1-80	15.74
Power Shovel Oper.	3-1-79	14.60	10-1-79	15.04	5-1-80	15.74
Grader Oper.	3-1-79	14.48	10-1-79	14.92	5-1-80	15.62
Bulldozer Oper.	3-1-79	14.48	10-1-79	14.92	5-1-80	15.62
Roller Oper.	3-1-79	14.48	10-1-79	14.92	5-1-80	15.62
Oth. Power Dr. Equ.	3-1-79	14.48	10-1-79	14.92	5-1-80	15.62
Compressor Oper.	3-1-79	12.56	10-1-79	12.95	5-1-80	13.55
Pumpman	3-1-79	12.56	10-1-79	12.95	5-1-80	13.55
<u>Asst. Engineers</u>						
-Steam-Fireman	3-1-79	13.51	10-01-79	13.91	5-1-80	14.56
-Tr. Crane-Gradall	3-1-79	11.93	10-01-79	12.30	5-1-80	12.87
-Other Equip.	3-1-79	11.36	10-01-79	11.72	5-1-80	12.30
Lather	6-1-78	11.80	12-01-78	12.05	6-1-79	12.65
Roofer-Comp.	06-01-80	14.60	12-01-80	15.20	06-01-81	15.80
Roofer-Slate	06-01-80	14.60	12-01-80	15.20	06-01-81	15.80
Damproofer	06-01-80	14.60	12-01-80	15.20	06-01-81	15.80
Elev. Constructor	10-01-79	14.68				
Elev. Const. Helper	10-01-79	10.835				
Glazier	10-04-78	13.11	10-04-79	13.81		
Sprinkler Fitter	09-16-79	16.10				
Asbestos Worker	09-01-80	16.86	09-01-81	18.61		
Sheet Metal Worker	06-01-80	16.29	12-01-80	16.98	06-01-81	17.73
Marble Setter	2-1-79	12.60	6-1-79	12.75	2-1-80	13.25
Terrazzo Worker	2-1-79	12.60	6-1-79	12.75	2-1-80	13.25
Tile Setter	2-1-79	12.60	6-1-79	12.75	2-1-80	13.25
Marb. Setter-Helper	2-1-79	10.99	8-1-79	11.12	1-1-80	11.55
Terr. Worker-Helper	2-1-79	10.99	8-1-79	11.12	1-1-80	11.55
Tile Setter-Helper	2-1-79	10.99	8-1-79	11.12	1-1-80	11.55
Iron Worker	7-1-79	15.25	7-1-80	16.05	1-1-81	16.45
Bricklayer	9-1-78	12.80	5-1-79	13.30	9-1-79	13.80
Cement Finisher	8-1-78	12.90	8-1-79	13.40	8-1-80	13.90
Waterproofer	9-1-78	12.80	5-1-79	13.30	9-1-79	13.80
Plasterer	6-1-77	11.75				
Carpenter	06-16-79	13.30	12-16-79	13.60	06-16-80	13.95
Electrician	09-01-80	17.46	01-01-81	17.97	09-01-81	20.03
Plumber	09-01-80	17.00	01-01-81	18.25	09-01-81	19.90
Pipefitter	09-01-80	17.25	01-01-81	18.20	09-01-81	19.70
Painter	01-01-80	13.93	07-01-80	14.83	01-01-81	15.63
S/S Painter	01-01-80	14.93	07-01-80	15.83	01-01-81	16.63
Steel Painter	01-01-80	16.05	07-01-80	17.10	01-01-81	18.04

The Commonwealth of Massachusetts

DEPARTMENT OF LABOR AND INDUSTRIES DIVISION OF INDUSTRIAL SAFETY

Minimum Wage Rates for Apprentices employed on Public Works. - Determined as a percentage of the Pre-determined Hourly Wage Rate established by the COMMISSIONER under the provisions of the Massachusetts General Laws, Chapter 149, Sections 26 thru 27-D inclusive, as amended.

All apprentices shall be registered with the Division of Apprentice Training in accordance with Mass. G. L., Chapter 23, Section 11-H.

CLASSIFICATIONS	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 7	STEP 8	STEP 9	STEP 10
Asbestos Worker	50	50	60	60	70	70	80	80		
Boilermaker	70	72.5	75	77.5	80	85	90	95		
Bricklayer/Plasterer	40/50	60	70	80	90	95				
Carpenter	50	55	60	65	70	75	80	85		
Electrician	35	43	47	51	58	65	70	75		
Glazier	40	45	50	55	60	70	80	90		
Iron Worker	60	70	75	80	85	90				
Painters	50	55	60	70	80	90				
Plumber/Pipefitter	40	40	50	50	60	60	70	70	85	85
Sprinkler Fitter	40	45	50	55	60	65	70	75	80	85
Sheet Metal Worker	45	50	55	65	75	80	90	95		
Roofer	50	55	60	65	70	70	75	80	85	90
Lineman	60	65	70	75	80	85	90			

Steps equivalent to 1,000 hours or 6 months

600 hr steps

SUPERSEDES DECISION

STATE: MASSACHUSETTS COUNTY: CUTOCK
 DECISION NO. MA79-2085 DATE: Date of Publication
 Supercede Decision no. MA78-2089, dated September 22, 1978 in
 43 FR 43209
 DESCRIPTION OF WORK: Building Construction, (including Residential),
 Heavy and Highway Construction and Marine Construction.

DECISION NO. MA78-3099 MOD. NO. 8 (43 FR 58729 - December 13, 1978) Bradford, Hodge, Union Counties, Pennsylvania	Daily Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	Education and/or Appr. Tr.
CHANGE: ASBESTOS WORKERS CEMENT MASONS ELECTRICIANS; ZONE 1 SPRINKLER FITTERS	\$11.875 10.60 9.98 13.55	.80 .60 .60 .75	.60 37.85 1.05	.75 .02	.01 .08
DECISION NO. MA79-3004 MOD. NO. 5 - (44 FR 16319 - March 16, 1979) Northumberland County, Pennsylvania					
CHANGE: ELECTRICIANS; Deleware, Lewis & Trubert Taps. SPRINKLER FITTERS	9.98 13.55	.60 .75	37.85 1.05	.75 .02	.08
DECISION NO. MA78-3075-MOD. 45 (43 FR 51590-November 3/1978) York County and the cities of Hampton and Newport News (Inclu- ding Langley AFB, Fort Belvoir and Fort Monroe) Virginia					
CHANGE: SEWER AND WATER CONSTRUCTION Laborers Pipefitters Truck Drivers Backhoe Cranes	\$3.38 4.59 3.50 6.50 7.90				
ASBESTOS WORKERS BOILERMAKERS BRICKLAYERS & STONEMASONS Residential CARPENTERS & SOFT FLOOR LAYERS CEMENT MASONS ELECTRICIANS ELEVATOR CONSTRUCTORS ELEVATOR CONSTRUCTORS, HELPERS ELEVATOR CONSTRUCTORS, HELPERS (PROB.) GLAZIERS IRONWORKERS; Ornamental, Reinforcing and Structural LABORERS (BUILDING); Laborers, Carpenter Tenders Wrecking Laborers Jackhammer Op., Pavement Drillers, Asphalt Pavers, Carbide Core Drilling Machine, Chain Saw Op., Pipefitter, Boro Type Jumping Tampers, Laser Beam, Concrete Pump, Mason Tenders, Motorized Mixers, Ride-on Motorized Dugger, Fence and Beam Rail Elec- tors Air Truck, Block, Pavers, Ramblers Curb Setter Bladders, Powdermen Pre Cast Floor and Roof Plank Erectors LAYERS	12.01 11.00 11.00 11.05 0.04 11.05 11.65 13.23 12.015 8.97 11.85 11.64 8.95	1.20 1.05 .05 .85 .90 1.15 .75 1.045 1.045 1.045 .77 1.00 .70	1.10 .08 1.40 1.40 1.00 .60 38+.55 .02 a+b .02 .69 1.50 1.00	Vacation a+b	Education and/or Appr. Tr. .10 .02 .12 .12 .07 .20 .07 .035 .025 .03 .05 .10

DECISION NO. MA79-2085

LINE RESTRICTION

	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	Education and/or App. Tr.
Linemen	\$12.50	.70	34+.50	d	3/80618
Equipment Operators	11.17	.70	34+.50	d	3/80618
Driver Groundman	8.93	.70	34+.50	d	3/80618
Groundman	8.18	.70	34+.50	d	3/80618
MAJOLE & TILE SETTERS,					
TENDERS WORKERS	10.40	.85	1.50		.10
MILLWRIGHTS	11.70	.95	1.00		
PAINTERS:					
Brush, New Construction	11.51	.82	1.20		.04
Structural Steel	13.63	.82	1.20		.04
Spray & Sandblasting	12.51	.82	1.20		.04
Repaint, Alterations:					
Residential					
Brush	9.71	.82	1.20		.04
Structural Steel	13.63	.82	1.20		.04
Spray & Sandblasting	10.71	.82	1.20		.04
PILEDRIVERMEN	11.60	.85	1.00		
PLASTERERS	10.50	.45	1.30		.02
VENEER PLASTERERS	10.15	.45	.30		.02
PLASTERERS' TENDERS	8.75	.60	.80		.10
PLUMBERS	13.30	1.02	1.48		.05
ROOFERS:					
Journeyman Mechanic	10.20	.70	1.55		.05
Re roofing & Repair	9.55	.70	1.55		.05
Plitch Work	11.20	.70	1.55		.05
SHEET METAL WORKERS	12.08	1.16	1.50		.10
SPRINKLER FITTERS	12.66	.65	.95		.04
STEAMFITTERS	13.36	.94	1.20		.07

DECISION NO. MA79-2085

PAID HOLIDAYS
 A-New Year's Day; B-Memorial Day; C-Independence Day; D-Labor Day; E-Thanksgiving Day; F-Christmas Day

FOOTNOTES:

- Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.
- Holidays: A through F and the day after Thanksgiving Day.
- Holidays: A through F, Bunker Hill Day, provided the employee has been employed 5 working days prior to any one of the listed holidays.

DECISION NO. IL79-2031 - MOD. #4
(44 FR 26424 - May 4, 1979)
Bureau, LaSalle, Livingston,
Marshall, Putnam & Woodward
Counities, Illinois

ADD: CHARTERS: Bureau, LaSalle, East 1/3 of Marshall, North 4/5 of Livingston & Putnam Coun- ties	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	Education and/or Appr. Tr.
	\$12.46	.60	.30		.01

DECISION ANY79-3011 - Mod. #2
(44 FR 29249 - May 18, 1979)
Bronx, Kings, Queens, New York
& Richmond Counties, New York

Change: Electricians Carpenters, Building: Carpenters, Dock Builders, Pile- drivers, Soft Floor Layers Carpenters, Heavy: Carpenters, Dock Builders, and Piledrivers Ironworkers: Ornamental Finisher Structural Painters Brush Grey, Spray Gun, Scaffold Work Roofers: Composition, Damp, Waterproofers Stonemasons Stone Dettlemen and Mergers Terraazo Workers Tile Setters	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	Education and/or Appr. Tr.	
	11.50	1.28	3.68			
	12.48	1.70	1.78	1.01	.04	
	12.38	1.70	1.78	1.01	.04	
	11.23	1.48	3.05	.83	.14	
	12.25	1.78	3.58	1.60+	.11	
	10.92	9 1/2	1.04+	3/2		
	13.26	9 1/2	1.04+	3/2		
	10.50	2.69	2.70		.10	
	13.00	.75	1.00			
	13.62	.98	1.01			
	11.88	1.32	1.50			
	11.225	1.15	1.10			

DECISION NO. PA78-3064
MOD. NO. 8
(43 FR 43224 - September 22,
1978)
Schuylkill County, Pennsylvania

CHANGE:
ASBESTOS WORKERS
ELECTRICIANS:
North Hanheltm, South Hanheltm,
West Brunswick, Wayne, Wash-
ington, Pottsville, Schuyl-
kill Haven Twp.
SPRINKLER FITTERS

DECISION NO. PA78-3065

MOD. NO. 7
(43 FR 43226 - September 22,
1978)
Sullivan County, Pennsylvania

CHANGE:
CEMENT MASONS
ELECTRICIANS:
Western Part of County
SPRINKLER FITTERS

DECISION NO. PA78-3070

MOD. NO. 8
(43 FR 45162 - September 29,
1978)
Lancaster County, Pennsylvania

CHANGE:
ASBESTOS WORKERS
ELECTRICIANS:
W. Callico, E. Callico, Breck-
nock, E. Carl & Germantown Twp.
Twp.
Remainer of County
MARBLE SETTERS
SPRINKLER FITTERS
TILE SETTERS
TERRAZZO WORKERS

Basic Hourly Rates	Fringe Benefits Payments			
	H & W	Pensions	Vacation	Education and/or Appr. Tr.
\$11.61	1.12	.90		.01
12.49	.78	37+.30		.03
13.55	.75	1.05		.08
10.60				
9.98	.60	37+.85	.75	.02
13.55	.75	1.05		
11.61	1.12	.90		.01
12.49	.78	37+.30		.03
10.45	.60	3/2		1/87
9.20	.45	.45		
13.55	.75	1.05		.08
9.20	.45	.45		
9.20	.45	.45		

DECISION NO. MA9-2085

HEAVY & HIGHWAY CONSTRUCTION:

POWER EQUIPMENT OPERATORS

	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	Education and/or Appr. Tr.
GROUP 1 Hourly premium for boom lengths including 1lb Over 150 feet + \$.50 Over 185 feet + \$.90 Over 210 feet + 1.25 Over 250 feet + 1.90 Over 295 feet + 2.65	\$12.71	1.18	1.15	a	.03
GROUP 2	12.59	1.18	1.15	a	.03
GROUP 3	10.62	1.18	1.15	a	.03
GROUP 4	11.58	1.18	1.15	a	.03
GROUP 5	9.39	1.18	1.15	a	.03
GROUP 6 -	9.97	1.18	1.15	a	.03

GROUP 1 - Power Shovels, Cranes, Truck Cranes, Derricks, Pile Driver, Trenching Machines, Mechanical Hoist Pavement Breakers, Cement Concrete Pavers, Draglines, Hoisting Engines, Three Drum Machines, Pumpcrete Machines, Uke Loaders, Shovel Dozers, Front End Loaders, Hauling Machines, Shaft Hoists, Steam Engines, Backhoe, Graders, Cable Ways, Fork Lifts, Cherry Pickers, Boring Machines, Rotary Drills, Post Hole Bammers, Port Hole Diggers, Asphalt Plant on Job Site, concrete batching and/or mixing plant on job site, Crusher plant on job site, Paving Concrete Mixers, Timber Jacks

GROUP 2 - Sonic or Vibratory Bammers, Graders, Scrapers, Tandem Scrapers, Bulldozer, Tractors, Mechanic Maintenance, York Rakes, Hauling Machines Paving Screed Machines, Stationary Steam Boilers, Paving Concrete Finishing Machine, Grou Pumps, Portable Steam Boilers, Portable Steam Generators, Rollers, Spreaders, Asphalt Pavers, Locomotives or Machines used in place thereof, Tamper, Self Propelled or Tractor Drawn, Cal Truck, Ballast Regulators, Rail Anchor Machines, Switch Tamper

GROUP 3 - Pump (1-3 Grouped), Compressors, Welding Machine (1-3 Grouped), Generators, Lighting Plants, Heaters (Power Driven) (1-5), Siphons-Pulometers, Concrete Mixers, Valves Controlling Permanent Plant Air Steam,Conveyors, Wellpoint System (Operating and Installing)

DECISION NO. MA9-2085

CLASSIFICATIONS CONT'D

GROUP 4 - Assistant engineers (Fireman)

GROUP 5 - Oilers (Other than Truck Cranes & Gradalls)

GROUP 6 - Oilers (On Truck Cranes & gradalls)

FOOTNOTES:

a. Holidays - New Years' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, Washington's Birthday, Columbus Day, Veterans Day and Patriots Day

DECISION NO. MA79-2085

MARINE CONSTRUCTION

POWER EQUIPMENT OPERATORS

	Basic Hourly Rate	Fringe Benefits Payments			
		H & W	Pensions	Vacation	Education end/yr. Apr. Tr.
GROUP I -	\$12.71	1.18	1.15	a	.03
GROUP II -	13.09	1.18	1.15	a	.03
GROUP III -	12.66	1.18	1.15	a	.03
GROUP IV -	12.59	1.18	1.15	a	.03
GROUP V -	10.62	1.18	1.15	a	.03
GROUP VI -	11.58	1.18	1.15	a	.03
GROUP VII -	9.39	1.18	1.15	a	.03
GROUP VIII -	9.97	1.18	1.15	a	.03

GROUP I - Shovels, Cranes, Truck Cranes, Cherry Pickers, Derricks, Pile Drivers two or more Drum Machines, Lighters, Derricks Boats, Trenching, Mechanics Holders Pavement Breakers, Cement Concrete Pavers, Draglines, Hoisting Engines, Pumpcrete Machines, Elevating Graders, Shovels Dozers, Front End Loaders, Backhoe, Grapple, Cable Way, Doring Machines, Rotary Drillin, Post Hole Hammer, Post Hole Diggers, Fork Lifts, Timber Jacks, Asphalt Plant (on Site), Concrete Batching &/or Mixing Plant (on Site), Crusher Plant, (on Site Paving Concrete Mixers) Booms over 150' including jib - additional \$.50 per hour - Booms over 185' including jib - additional \$.90 per hour; Booms over 210' including jib - additional \$.125 per hour; Booms over 250' including jib - additional \$.1.90 per hour; Booms over 295' including jib additional \$2.65 per hour

GROUP II - Master Mechanic

GROUP III - Swinger Engines

GROUP IV - Portable Steam Boilers, Portable Steam Generators, Sonic or Vibratory Hammer, Graders, Scrapers, Tandem Scrapers, Concrete Pumps, Bulldozers, Tractors York Rakes, Mulching Machines, Rollers, Grapple, Rammer Soil-propelled or Tractor Drawn, Asphalt Pavers, Concrete Mixers with side loaders, Mechanics - Maintenance, Cal Trucks, Ballast, Regulator, Switch Tamperers, Rail Anchor Machines, Tire Trucks

GROUP V - Pumps, Compressors, Welding Machines, Heaters (Power Driven), Valves controlling Permanent Plan Air or Steam, Well Point Systems, Augers - Powered by Independence Engines & Attached to Pile Drivers, Hydraulic Baws, Generators, Lighting Plants, Siphons-Pulmonometers, Concrete Mixers, conveyors.

DECISION NO. MA79-2085

POWER EQUIPMENT OPERATORS (CONT'D)

GROUP VI - Assistant Engineers (Firemen)

GROUP VII - Oiler (other than truck Cranes and Grapple)

GROUP VIII - Oilers on truck Cranes and Grapple

PAID HOLIDAYS:

A-New Year's Day; B-Memorial Day; C-Independence Day; E-Thanks-giving Day; F-Christmas Day

FOOTNOTE:

A. Holidays A Through F; Washington's Birthday; Patriots' Day; Columbus & Veterans' Day

DECISION NO. MA79-2085

BUILDING, HEAVY & HIGHWAY CONSTRUCTION TRUCK DRIVERS	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	Education and/or Appr. Tr.
CLASS I	8.515	.75	.80	a+b	
CLASS II	8.665	.75	.80	a+b	
CLASS III	8.715	.75	.80	a+b	
CLASS IV	8.815	.75	.80	a+b	
CLASS V	8.915	.75	.80	a+b	
CLASS VI	9.165	.75	.80	a+b	
CLASS VII	9.415	.75	.80	a+b	

CLASS I - Station Wagons, Panel Trucks and Pickup Truck

CLASS II - Two Axle Equipment Helpers on Low Bed When Assigned at the Discretion of the Employer, Warehousemen, Forklift Operators

CLASS III - Three Axle Equipment and Tirenmen

CLASS IV - Four and Five Axle Equipment

CLASS V - Specialized Earth Moving Equipment Under 35 Tons other than Conventional Type Trucks, Low Bed, Vachuel, Mechanics, Paving Restoration Equipment, Mechanics

CLASS VI - Specialized Earth Moving Equipment over 35 Tons

CLASS VII - Trailers for Earth Moving Equipment (Double Hookup)

FOOTNOTES:

a. One Half Day's Pay Each Month in which an Employee has Worked 15 Days Provided he has been Employed for 4 Months.

b. Holidays: A through F, Washington's Birthday, Columbus Day, Veteran's Day and Patriots' Day Provided an Employee works two Days of the Calendar Week in which the Holiday falls.

Note: Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR, 5.5(a)(1)(11)).

SUPERSEDES DECISION

STATE: NEW YORK

COUNTY: ONEIDA

DECISION NO.: NY79-3036

DATE: DATE OF PUBLICATION

Supercedes Decision No. NY70-3095 dated December 1, 1978 in 43 FR 56402

DESCRIPTION OF WORK: Building Construction, (excluding single family homes and apartments up to and including 4 stories), heavy and highway construction projects

	Basic Hourly Rates	Fringe Benefits Payments			
		H & W	Pensions	Vacation	Education and/or Appr. Tr.
ASBESTOS WORKERS	\$12.78	.90	.43		.06
BOILERMAKERS	11.80	1.05	108		.02
BRICKLAYERS, CEMENT MASONS, POINTERS, CAULKERS, CLEANERS, PLASTERERS AND STONE MASONS, BUILDING CEMENT MASONS, (HEAVY AND HIGHWAY)	10.85	.60	.90		
CARPENTERS, (BUILDING); CARPENTERS & Soft Floor Layers	10.30	.70	.70		
Electricians, (Heavy and High-Way)	9.85	.70	.65	a	.03
Electricians, (Heavy and High-Way)	10.10	.70	.65	a	.03
ELECTRICIANS, Verona and Vienna Twp. west of State Highway 13; Electricians	13.30	.77	38+1.10		.05
Cable Splicers	14.35	.77	38+1.10		.05
Remainder of County; Electricians	12.10	.80	38+.60		.07
Cable Splicers	13.30	.60	38+.60	b+c	.07
ELEVATOR CONSTRUCTORS	11.18	.745	.56		.025
ELEVATOR CONSTRUCTORS' HELPERS	7.83	.745	.56	b+c	.025
ELEVATOR CONSTRUCTORS' HELPERS (PROB)	5.59				
GLAZIERS: Twp. of Florence, Camden, Vienna, Annsville, Verona, Vernon, August, Lee, Rome City, Avon, Western, Floyd, Boonville and Steuben	10.00	.80			.01
Remainder of County	8.435	.175	.30		

-67-
CITY OF BOSTON
COMMUNITY DEVELOPMENT BLOCK GRANT
(C.D.B.G.)

GENERAL TERMS AND CONDITIONS

<u>C O N T E N T S</u>	<u>P A G E S</u>
General Terms and Conditions	CDBG-1 to CDBG-39
Section 3 Affirmative Action Plan	ST-1 to ST-7
Equal Employment Opportunity Notices	EEO-1 to EEO-12
Minority Participation Section	MP-1 to MP-30
 EXHIBIT A: Map of Federally Assissted Urban Renewal Projects	 CDBG-33
EXHIBIT B: Map of Model City Sub-Areas	CDBG-34
EXHIBIT C: Attachment to Federal Labor Standards Provisions	CDBG-35 to CDBG-39
 TABLE AAP-1: Preliminary Statement of Work Force Needs for Trainees and Apprentices	 ST-3
TABLE AAP-2: Preliminary Statement of Work Force Needs for Regular Employees	ST-4
TABLE AAP-3: Affirmative Action Plan for Utilization of Project Area Business Concerns	ST-5
FORM AAP-1: Contractor's Section 3 Eligibility Status	ST-6
FORM AAP-2: Employee's Section 3 Eligibility Status	ST-7
FORM MP-1: Minority Business Identification Statement	MP-16
FORM MP-2: Minority Business Utilization Form	MP-23
FORM MP-3: Minority Business Progress Report	MP-26

(continued)

FORM MP-4:	Letter of Intent	MP-28
FORM MP-5:	Final Report	MP-29
FORM MP-6:	Impacted Area Narrative	MP-30
FORM MP-7:	Impacted Area Map	MP-31

CITY OF BOSTON
COMMUNITY DEVELOPMENT BLOCK GRANT
(C.D.B.G.)
GENERAL TERMS AND CONDITIONS

GENERAL COMPLIANCES REQUIRED OF CONTRACTORS

A. Overall Compliance

The CONTRACTOR employed under this AGREEMENT shall comply with all the provisions of the Housing and Community Development Act of 1974, as amended, regulations issued pursuant thereto, and such directives, and instructions as may be issued from time to time in connection therewith by the Department of Housing and Urban Development, and with all other Federal, State, and Local laws applicable to its activities.

EQUAL EMPLOYMENT OPPORTUNITY AND NON-DISCRIMINATORY PRACTICES

A. General

During the performance of this contract, the CONTRACTOR agrees as follows:

- (1) The CONTRACTOR will not to discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The CONTRACTOR will take affirmative action to ensure that applicants are employed, and that employees are treated during their employment, without regard to their race, color, religions, sex, or national origin. Such action shall include, but not be limited to, the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by setting forth the provisions of this nondiscrimination clause.
(24 CFR 130.15)

B. Construction Contracts

The following provisions, shall also apply when this AGREEMENT is for construction, demolition, landscaping, or similar activities and the AGREEMENT amount is greater than TEN THOUSAND DOLLARS (\$10,000.00).

- (2) The CONTRACTOR will, in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin (24 CFR 130.15).
- (3) The CONTRACTOR will send to each labor union or representative of workers with which he has a collective bargaining agreement or other Contract or understanding, a notice to be provided by the Contract Compliance Officer advising the said labor union or workers' representatives of the CONTRACTOR's commitment under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment (24 CFR 130.15).
- (4) The CONTRACTOR will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations and relevant orders of the Secretary of Labor (24 CFR 130.15).
- (5) The CONTRACTOR will furnish all information and reports (set forth in section XV. A. herein) required by the rules, regulations, and relevant orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the Department and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders (24 CFR 130.15).
- (6) In the event of the CONTRACTOR's non compliance with the non discrimination clause of this contract or with any of such rules, regulations, or order, this contract may be cancelled, terminated or suspended in whole or in part and the CONTRACTOR may be declared ineligible for further Government Contracts or federally assisted construction CONTRACT procedures authorized in Executive Order 11246 of September 24, 1965, or by rule, regulation or order of the Secretary of Labor, or as otherwise provided by law (24 CFR 130.15).
- (7) The CONTRACTOR will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each SUBCONTRACTOR or vendor. The CONTRACTOR will take such action with respect to any SUBCONTRACTOR or purchase order as the CITY or H.U.D. may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event a CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontract or vendor as a result of such direction by H.U.D., the CONTRACTOR may request the United States to enter into such litigation to protect the interest of the United States.

C. General Responsibility

(1) The CONTRACTOR agrees that it will be bound by the equal opportunity clause set forth in B., paragraphs 1 through 7 above with respect to its own employment practices when it participates in federally-assisted construction work.

(2) The CONTRACTOR hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan, insurance, or guarantee, the equal opportunity clause set forth in B., paragraphs 1 through 7 above.

(3) The CONTRACTOR agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

(4) The CONTRACTOR agrees that it will refrain from entering into any contract agreement or contract modification subject to Executive Order 11246 of September 25, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally-assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the CONTRACTOR agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant, (contract, loan, insurance, guarantee); refrain from extending any further assistance to the contractor under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such contractor; and refer the case to the Department of Justice for appropriate legal proceedings.

II. Training, Employment and Contracting Opportunities for Business and Lower Income Persons

A. GENERAL

Every contractor and subcontractor shall incorporate, or cause to be incorporated, in all contracts for work in connection with this section 3 covered project, the following clause (referred to as the so-called "section 3 clause"):

- A. The work to be performed under this contract is on a project assisted under a program providing direct Federal financial assistance from the Department of Housing and Urban Development and is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u. Section 3 requires that to the greatest extent feasible opportunities for training and employment be given lower income residents of the project area and contracts for work in connection with the project to be awarded to business concerns which are located in or owned in substantial part by persons residing in the area of the project.
- B. The parties to this contract will comply with the provisions of said section 3 and the regulations issued pursuant thereto by the Secretary of Housing and Urban Development set forth in 24 CFR Part 135, and all applicable rules and orders of the Department issued thereunder prior to the execution of this contract. The parties to this contract certify and agree that they are under no contractual or other disability which would prevent them from complying with these requirements.
- C. The CONTRACTOR will send to each labor organization or representative of workers with which he has a collective bargaining agreement or other contract or understanding, if any, a notice advising the said labor organization or workers representative of his commitments under this section clause and shall post copies of this notice in conspicuous places available to employees and applicants for employment or training.

- D. The CONTRACTOR will include this section 3 clause in every subcontract for work in connection with the project and will, at the direction of the CITY, take appropriate action pursuant to the subcontract upon a finding that the subcontractor is in violation of regulations issued by the Secretary of Housing and Urban Development, 24 CFR 135. The CONTRACTOR will not subcontract with any subcontractor where it has notice or knowledge that the latter has been found in violation of regulations under 24 CFR Part 135 and will not let any subcontract unless the subcontractor has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.
- E. Compliance with the provisions of section 3, the regulations set forth in 24 CFR Part 135, and all applicable rules and orders of the Department issued thereunder prior to the execution of the contract, shall be a condition of the Federal financial assistance provided to the project, binding upon the CONTRACTOR and subcontractors, in any. Failure to fulfill these requirements shall subject the CONTRACTOR and subcontractors, if any, to those sanctions specified by the grant or loan agreement or contract through which Federal assistance is provided, and to such sanctions as are specified by 24 CFR Part 135.

"

(1) Section 3 project areas are defined as:

- a. Areas designed as Urban Renewal areas pursuant to the provisions of Title I of the Housing and Development Act of 1949, the boundaries of said Urban Renewal areas are set forth in Exhibit A of the AGREEMENT.
- b. Areas designated as Model Cities areas pursuant to the provisions of the Demonstration Cities and Metropolitan Development Act of 1966, the boundaries of said Model Cities area is set forth in Exhibit B of this AGREEMENT.
- c. If the project is not in one of the above areas, the project boundary shall be coextensive with the boundaries of the City of Boston (24CFR § 135.15).

(2) The Income Limit for the purpose of Section 3 is as follows:

- a. Lower income project area resident is one whose family income is less than 90% of the median income for the Boston area (24CFR § 135-5(6)(8)). Said income limitation has been set by the HUD secretary as thirteen thousand nine hundred (13,900) dollars.

See
Attached
Maps

Pages
CDBG-33 to
CDBG-34

(3) Section 3 businesses are defined as:

- a. Business concerns located within the Section 3 covered area means the individuals or firms located within the project area as defined above (24CFR § 135.5(b)) listed on the Departments registry of eligible business concerns and which qualify as small businesses by the Small Business Administration.
- b. Business concerns owned in substantial part by persons residing in the Section 3 project area means these business concerns which are: 51% or more owned by persons residing within the Section 3 area, as set forth above; listed on the Department of Housing and Urban Development Registry; owned by persons considered to be socially or economically disadvantaged; and which qualify under the Small Business size standards of the Small Business Administration (24CFR § 135.5(c)).

For compliance with parts B., C., and D. which follow, TABLES AAP-1 to AAP-3 are provided in the section marked with pages ST-3 to ST-5.

B. Utilization of Lower Income Residents as Trainees (TABLE AAP-1, Page ST-3)

- (1) The CONTRACTOR agrees that he will, to the greatest extent feasible, utilize the maximum number of persons, eligible as section 3 project area residents, in the various training categories in all phases of the work to be performed under this AGREEMENT; and, to fill all vacant training positions with lower income project area residents, except for those positions which remain unfilled after a good faith effort, as defined herein, has been made to fill them with eligible lower income project area residents (24CFR S. 135.40).

(2) For the purposes of this AGREEMENT and Section 3 a good faith effort shall include but not be limited to, the following:

- a. Determining the maximum number of trainees which may be utilized in each construction and non-construction phase of the Section 3 project in question.

1. Determining the Number of Trainees

- i Construction Contracts

- a. For the building construction occupations, the number of trainees or apprentices for each occupation shall be that number which can reasonably be utilized in each occupation on each phase of a Section 3 covered project and in no event shall that number be less than the number of trainees or apprentices determined pursuant to regulations issued by the Secretary of Labor for each building construction occupation, as set-forth in the Equal Employment Opportunity Notices on pages EEO-1 to EEO-12 of this document.

- ii. Non Construction Contracts and Construction Contracts not covered by the above paragraph.

- a. Building construction occupations for which ratios are not determined pursuant to regulations of the Secretary of Labor, the number of trainees for each occupation shall be that number which can reasonably be utilized in each occupation on each phase of a Section 3 covered project. The contractor or subcontractor shall initially determine the maximum number of trainees for each occupation and submit that determination along with its justification to the Department.
- b. Establishing a goal of the number of trainee positions which shall be filled by low-income project area residents
- c. Advertising trainee positions in local media (24CFR § 135.50(2)).
- d. Conspicuously posting training opportunity notices on the proposed project site (24CFR § 135.50(a)(2)).

- e. Sending notices to community organizations located in the project area requesting referrals. (Examples: Project Area Committee, Service Employment & Redevelopment, Opportunities Industrialization Center, Urban League, Concentrated Employment Program, etc.) (24CFR § 135.50(a)(2)).
- f. Maintaining a list of all lower-income project area residents who apply on their own initiative (or who are referred from any source), and employing such persons if otherwise qualified. If no vacancy exists, the applicant shall be listed for the first available vacancy (24CFR § 135.50(a)(3)).
- g. Where the CONTRACTOR fills a vacant position, which otherwise could be filled by a low-income resident of the project area, immediately prior to undertaking work pursuant to this AGREEMENT, the CONTRACTOR shall set forth evidence, acceptable to the Secretary of the Department of Housing and Urban Development, that his actions were not an attempt to circumvent the regulations set forth in Section 3 and this AGREEMENT (24CFR § 135.60(b)).

C. Utilization of Lower-Income Area Residents as Employees. (TABLE AAP-2, Page ST-4)

- (1) The CONTRACTOR agrees that, to the greatest extent feasible, he will fulfill his obligation under Section 3 and this AGREEMENT, to utilize lower-income area residents as employees by:
 - a. Identifying the number of positions in the various occupational categories including skilled, semi-skilled and unskilled labor, needed to perform each phase of the Section 3 covered project (24CFR § 135.55(a)).
 - b. Identifying of the positions identified in paragraph (a) of this section, the number of positions in the various occupational categories which are currently occupied by regular, permanent employees (24CFR § 135.55(b)).
 - c. Identifying, of the positions identified in paragraph (a) of this section, the number of positions in various occupational categories which are not currently occupied by regular, permanent employees (24CFR § 135.55(c)).
 - d. Establishing, of the positions identified in paragraph (c) of this section, a goal which is consistent with the purpose of this subpart within each occupational category of the number of positions to be filled by lower income residents of the Section 3 covered project area (24CFR § 135.55(d)) and

- e. Making a good faith effort to fill all of the positions identified in paragraph (d) of this section with lower income project area residents (24CFR § 135.55(e)).

(2) For the purpose of this Section 3 and AGREEMENT, a good faith effort shall include, but not be limited to, the following:

- a. Establishing a goal of the number of those positions identified in #1 above which shall be filled by low-income project area residents.
- b. Recruiting lower-income residents from the appropriate areas by:
 - (i) advertising in the local media (24CFR § 135.60(a)(2)).
 - (ii) conspicuously placing signs at the proposed project site (24CFR § 135.60(a)(2)).
 - (iii) contacting community organizations and public or private institutions operating within or serving the project area (24CFR § 135.60(a)(2)).
- c. Where the CONTRACTOR fills a vacant position, which otherwise could be filled by a low-income resident of the project area, immediately prior to undertaking work pursuant to this AGREEMENT, the Contractor shall setforth evidence, acceptable to the Secretary of the Department of Housing and Urban Development, that his actions were not an attempt to circumvent the regulations setforth in Section 3 and this AGREEMENT (24CFR § 135.60(b)).

D. Utilization of Business Located in or Owned in Substantial Part by Persons Residing in the Project Area. (TABLE AAP-3, Page ST-5)

- (1) The CONTRACTOR agrees to make a good faith effort to achieve the goals and estimated dollar amounts of sub-contracts to be awarded to, eligible businesses and entrepreneurs, as setforth in the CONTRACTOR's Section 3 Business Affirmative Action Plan, which was submitted prior to the award of this AGREEMENT (24CFR § 135.70(h)(i)). In developing an Affirmative Action Plan the Contractor shall:

- a. Set forth the approximate number and dollar value of all contracts proposed to be awarded to all businesses within each category (type or profession) over the duration of the Section 3 covered project in question (24CFR § 135.70(a)).
- b. Analyze the information set forth in paragraph (a) of this section and the availability of eligible business concerns within the project area doing business in professions or occupations identified as needed in paragraph (a) of this section, and set forth a goal or target number and estimated dollar amount of contracts to be awarded to the

eligible businesses and entrepreneurs within each category over the duration of the section 3 covered project (24CFR § 135.70(b)).

- c. Outline the anticipated program to be used to achieve the goals for each business and/or professional category identified (24CFR § 135.70(c)). This program should include, but not be limited to the following actions:

(i) INSERTION OF FORM AAP-3 OF THE SECTION 3 PLAN OF THE CONTRACTOR OR SUBCONTRACTOR LETTING ANY CONTRACT AGREEMENT, IN ANY BID DOCUMENTS.

(ii) Identification within the bid document, if any, the applicable section 3 project area.

- d. Indicate the anticipated process and steps which have been taken and/or will be taken to secure the cooperation of contractors, subcontractors and unions in meeting the goals and carrying out the affirmative action plan developed pursuant to this subpart (24CFR § 135.70(d)).
- e. Take steps to insure that the appropriate business concerns included in the Department's registry for the Section 3 covered project area are notified of pending contractual opportunities either personally or through locally utilized media. All contractors and subcontractors which so notify concerns, included in the Department's registry, of available contracts and of opportunities to submit bids, shall satisfy all requirements of this Part for notification of business concerns located within the Section 3 covered project area and business concerns owned in substantial part by persons residing in the Section 3 covered project area (24CFR § 135.70(e)).

- f. Take steps to insure, that CONTRACTS which are typically let on a negotiated rather than a bid basis in areas other than Section 3 covered project areas, are also let on a negotiated basis, whenever feasible, when let in a Section 3 covered project area (24CFR § 135.70(f)).
 - g. Where competitive bids are solicited, require the bidders to submit their utilization goals, and their affirmative action plans for accomplishing their goals, and in evaluating each bid to determine its responsiveness, carefully evaluate the bidders' submission to determine whether the affirmative action plan proposed will accomplish the stated goals (24CFR § 135.70(g)).
 - h. Where advantageous, seek the assistance of local officials of the Department in preparing and implementing the affirmative action plan (24CFR § 135.70(h)).
- (2) For the purposes of Section 3 and this AGREEMENT a good faith effort to implement the Affirmative Action Plan includes, but is not limited to, the following:
- (i) Compliance with paragraphs c,d,e,f,g. of the above requirements for the Affirmative Action Plan, as set forth in the Section 3 requirements of the bid documents (24CFR § 135.70(i)).
 - (ii) Attempt to recruit from the appropriate areas the necessary eligible business concerns through: Local advertising media, signs placed at the proposed site for the project; and community organizations and public or private institutions operating within or serving the project area such as Project Area Committees (PAC) in urban renewal areas, Service Employment and Redevelopment (SER), Opportunities Industrialization Center (OIC), Urban League, Concentrated Employment Program, or the U.S. Employment Service, as well as the Chamber of Commerce and any equivalent organizations in the Section 3 covered project area (24CFR § 135.70(i)).

E. FOR COMPETITIVE BID CONTRACTS ONLY: The attention of all bidders is directed to regulation 24 CFR Part 135, Subpart D, Section 135.70 (g), which requires all interested bidders to submit a Section 3 Plan (Pages ST-1 to ST-7) to the City of Boston for review. Accordingly, ALL BIDS SUBMITTED FOR CONSIDERATION MUST BE ACCOMPANIED BY A SECTION 3 PLAN COMPLETED BY THE BIDDER. The City of Boston WILL NOT CONSIDER ANY BID THAT IS NOT ACCOMPANIED BY A COMPLETED SECTION 3 PLAN.

F. Notice of Intention to Comply With Section 3

The CONTRACTOR will send to each labor organization or representative of workers with which he has a collective bargaining AGREEMENT or other CONTRACT or understanding, if any, a notice advising the said labor organization or worker's representative of his commitments under this Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.

G. Subcontracts

The CONTRACTOR will include this Section 3 clause in every subcontractor for work in connection with the project and will, at the direction of the CITY, take appropriate action pursuant to the subcontract upon finding that the subcontractor is in violation of regulations issued by the Secretary of Housing and Urban Development (24CFR § 135). The CONTRACTOR will not subcontract where it has notice or knowledge that the latter has been found in violation of regulations under (24CFR 135) and will not let any subcontract unless the SUBCONTRACTOR has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.

H. Reporting

The CONTRACTOR will furnish all information and reports required by Section 3 and the rules, regulations and orders of the Secretary of the Department of Housing and Urban Development, set forth in Section XV., subsection B, herein.

I. Sanctions

Compliance with the provisions of Section 3, the regulations set forth in 24CFR § 135 and all applicable rules and orders of HUD issued thereunder prior to the execution of the CONTRACT, shall be a condition of the federal financial assistance provided to the project, binding upon the CITY and its successors and assigns. Failure to fulfill these requirements shall subject the CITY, its CONTRACTOR's, SUBCONTRACTOR's, and assigns to those sanctions specified in the City's CONTRACT with HUD under the Housing and Community Development Act of 1974, and such sanctions as are specified by 24CFR § 135.

NONDISCRIMINATION UNDER TITLE VI OF THE CIVIL RIGHTS ACT OF 1975

This AGREEMENT is subject to the requirements of the Title VI of the Civil Rights Act of 1964 and HUD regulations with respect thereto, including the regulations under 24CFR Part 1. In the sale, lease or other transfer of land acquired, cleared or improved with assistance provided under this AGREEMENT, the Grantee shall cause or require a covenant running with the land to be inserted in the deed or lease for such transfer, prohibiting discrimination upon the basis of race, color, religion, sex, or national origin, in the sale, lease or rental, or in the use or occupancy of such land or any improvements erected or to be erected thereon, and providing that the Grantee and the United States are beneficiaries of and entitled to enforce such covenant. The Grantee, in undertaking its obligation in carrying out the program assisted hereunder, agrees to take such measures as are necessary to enforce such covenant and will not itself so discriminate.

CONFLICT OF INTEREST

The Contractor agrees to comply with provisions of the Conflict of Interest Law. The Contractor shall not act in collusion with any CITY officer, agent, or employee, or any other party, nor shall the Contractor agree to job-related gifts, regarding this CONTRACT or any other matter in which the CITY has a direct and substantial interest. The Contractor agrees to incorporate a provision prohibiting such interest in all subcontracts.

INTEREST OF MEMBERS, OFFICERS, OR EMPLOYEES OF GRANTEE, MEMBERS OF LOCAL GOVERNING BODY, OR OTHER PUBLIC OFFICIALS:

No member, officer, or employee of the Grantee, or its designees or agents, no member of the governing body of the locality in which the program is situated, and no other public official of such locality or localities who exercises any functions or responsibilities with respect to the program during his tenure or for one year thereafter, shall have any interest, direct or indirect, in any CONTRACT or subcontract, or the proceeds thereof, for work to be performed in connection with the program assisted under the AGREEMENT.

II. POLITICAL ACTIVITY

None of the funds, materials, property or services provided directly or indirectly under this shall be used by CONTRACTOR for any partisan political activity, or to further the election or defeat of any candidate for public office, or to further the interest of any partisan political party in contravention of Chapter 15 of Title 5, United States Code (Hatch Act) or in contravention of the Corrupt Practices Act of the Commonwealth of Massachusetts.

VIII. PROPERTY MANAGEMENT

The utilization and disposition of real and personal property acquired in whole or in part with funds provided under this AGREEMENT shall be in accordance with the principals set forth in Federal Management Circular 74-7 Attachment N codified in the Code of Federal Regulations at, 34 CFR § 256, which document is hereby incorporated in and made a part of this AGREEMENT by reference.

IX. RETENTION AND CUSTODY OF AND ACCESS TO PROJECT RECORDS

A. Retention of Records

Financial records, supporting documents, statistical records and all other records pertinent to the Project Grant and Budget shall be retained by the CONTRACTOR for a period of three years from the date of the submission of the CITY'S Annual Performance Report, except as follows:

- i. records that are the subject of audit findings shall be retained for three years after such findings have been resolved;
- ii. records for nonexpendable property which was acquired with the Project Grant shall be retained for three years after such findings have been made.
- iii. records for any displaced person shall be retained for three years after such person has received final payment.

When records are transferred to or maintained by HUD or the City, the three-year retention requirement is not applicable to the CONTRACTOR.

8. Custody of Records

HUD or the CITY shall request transfer of certain records to its custody when either determines that the records possess long-term retention value. However, in order to avoid duplicate record-keeping, HUD or the CITY may make arrangements with the CONTRACTOR to retain any records which are continuously needed for joint use.

C. Access to Records

The CITY, the Department of Housing and Urban Development, the Comptroller General of the United States, or their duly authorized representatives, shall, for a period of three years, or, such longer periods as may be duly authorized, have access to any books, documents papers and records of the CONTRACTOR, which are pertinent to any matter covered in this AGREEMENT, for the purpose of making audit, examination, excerpt, and transcriptions.

D. Financial Records

- (1) Accurate, current, and complete disclosure of the financial results of each grant program shall be kept in accordance with Federal reporting requirements. HUD requires reporting on an accrual basis. If accounting records are not kept on that basis, the CONTRACTOR should develop such information through an analysis of the documentation on hand or on the basis of best estimates. Federal management circular 74-7 App. 6 Section (1.a).
- (2) Records shall be kept which identify adequately the source and application of funds for grant-supported activities. These records shall contain information pertaining to grant awards and authorizations, obligations, unobligated balances, assets, liabilities, outlays, and income (Federal Management Circular 74-7 App. 6 Section 1.b).
- (3) There shall be effective control over and accountability for all funds, property, and other assets. The CONTRACTOR shall adequately safeguard all such assets and shall assure that they are used solely for authorized purposes (Federal Management Circular App.6 Section 1.c).
- (4) Accounting records shall be supported by source documentation (Federal Management Circular 74-7 App. 6 Section 1.g).

- (5) Audits may be made by the CITY or at the CITY's direction to determine, at a minimum, the fiscal integrity of financial transactions and reports, and the compliance with laws, regulations, and administration requirements.
- (6) There shall be a systematic method to assure timely and appropriate resolution of audit findings and recommendations.

X. COPYRIGHTS AND PATENTS

A. Copyrights

The CONTRACTOR agrees that where any activity performed under this AGREEMENT results in a book or other copyrightable material the Contractor is free to copyright the work, but the CITY and HUD reserve a royalty-free, nonexclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use the work for Government purposes (Federal Management Circular 74-7 App. A Section 7 B).

B. Patents

The CONTRACTOR agrees that if activities performed under this AGREEMENT produce any patentable items, patent rights, processes, or inventions, such fact shall be promptly and fully reported to the CITY and HUD, and, absent an AGREEMENT to the contrary, HUD shall determine whether protection on such invention or discovery shall be sought and how the rights in the invention or discovery--including the rights under any patent issued thereon--shall be allocated and administered in order to protect the public interest consistent with "Government Patent Policy" (Federal Management Circular 74-7 App. Section A).

XI. LABOR REQUIREMENT FOR CONSTRUCTION CONTRACTS

The following requirements shall apply to construction contracts in excess of two thousand (\$2,000.) dollars.

1. APPLICABILITY

The Project or Program to which the work covered by this Contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

2. MINIMUM WAGE RATES FOR LABORERS AND MECHANICS

All laborers and mechanics employed upon the work covered by this Contract shall be paid unconditionally and not less often than once each week, and without subsequent deduction or rebate on any account (except such payroll deductions as are made mandatory by law and such other payroll deductions as are permitted by the applicable regulations issued by the Secretary of Labor, United States Department of Labor, pursuant to the Anti-Kickback Act hereinafter identified), the full amount due at time of payment computed at wage rates not less than those contained in the wage determination decision of said Secretary of Labor (a copy of which is attached and herein incorporated by reference), regardless of any contractual relationship which may be alleged to exist between the Contractor or any subcontractor and such laborers and mechanics. All laborers and mechanics employed upon such work shall be paid in cash, except that payment may be by check if the employer provides or secures satisfactory facilities approved by the CITY OF BOSTON for the cashing of the same without cost or expense to the employee. For the purpose of this clause, contributions made or costs reasonably anticipated under Section 1 (b) (2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Section 5.5(a)(1)(iv) of Title 29, Code of Federal Regulations. Also for the purpose of this clause, regular contributions made or costs incurred for more than a weekly period under plans, funds, or programs, but covering the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

3. UNDERPAYMENTS OF WAGES OR SALARIES

In case of underpayment of wages by the Contractor or by any subcontractor to laborers or mechanics employed by the Contractor or subcontractor upon the work covered by this Contract, the CITY OF BOSTON in addition to such other rights as may be afforded it under this Contract shall withhold from the Contractor, out of any payments due the Contractor, so much thereof as the CITY OF BOSTON may consider necessary to pay such laborers or mechanics the full amount of wages required by this Contract. The amount so withheld may be disbursed by the CITY OF BOSTON for and on account of the Contractor or the subcontractor (as may be appropriate), to the respective laborers or mechanics to whom the same is due or on their behalf to plans, funds, or programs for any type of fringe benefit prescribed in the applicable wage determination.

4. ANTICIPATED COSTS OF FRINGE BENEFITS

If the Contractor does not make payments to a trustee or other third person, he may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing fringe benefits under a plan or program of a type expressly listed in the wage determination decision of the Secretary of Labor which is a part of this Contract: Provided, however, the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. A copy of any findings made by the Secretary of Labor in respect to fringe benefits being provided by the Contractor must be submitted to the CITY OF BOSTON with the first payroll filed by the Contractor subsequent to receipt of the findings.

5. OVERTIME COMPENSATION REQUIRED BY CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (76 Stat. 357-360: Title 40 U.S.C., Sections 327-332)

(a) Overtime requirements. No Contractor or subcontractor contracting for any part of the Contract work which may require or involve the employment of laborers or mechanics, including watchmen and guards, shall require or permit any laborer or mechanic in any workweek in which he is employed on such work to work in excess of 8 hours in any calendar day or in excess of 40 hours in such work week unless such laborer or mechanic receives compensation at a rate not less than one and one-half times his basic rate of pay for all hours worked in excess of 8 hours in any calendar day or in excess of 40 hours in such work week, as the case may be.

(b) Violation: liability for unpaid wages liquidated damages. In the event of any violation of the clause set forth in paragraph (a), the Contractor and any subcontractor responsible therefor shall be liable to any affected employee for his unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violations of the clause set forth in paragraph (a), in the sum of \$10 for each calendar day on which such employee was required or permitted to work in excess of 8 hours or in excess of the standard workweek of 40 hours without payment of the overtime wages required by the clause set forth in paragraph (a).

(c) Withholding for liquidated damages. The CITY OF BOSTON shall withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for liquidated damages as provided in the clause set forth in paragraph (b).

(d) Subcontracts. The Contractor shall insert in any subcontracts the clauses set forth in paragraphs (a), (b), and (c) of this Section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts which they may enter into, together with a clause requiring this insertion in any further subcontracts that may in turn be made.

6. EMPLOYMENT OF APPRENTICES/TRAINEES

a. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed and individually registered in a bona fide apprenticeship program registered with the U. S. Department of Labor, Manpower Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen in any craft classification shall not be greater than the ratio permitted to the contractor as to his entire work force under the registered program. Any employee listed on a payroll at an apprentice wage rate, who is not a trainee as defined in subdivision (b) of this subparagraph or is not registered or otherwise employed as stated above, shall be paid the wage rate determined by the Secretary of Labor for the classification of work he actually performed. The contractor or subcontractor will be required to furnish to the contracting officer or a representative of the Wage-Hour Division of the U. S. Department of Labor written evidence of the registration of his program and apprentices as well as the appropriate ratios and wage rates (expressed in percentages of the journeyman hourly rates), for the area of construction prior to using any apprentices on the contract work. The wage rate paid apprentices shall be not less than the appropriate percentage of the journeyman's rate contained in the applicable wage determination.

b. Trainees. Except as provided in 29 CFR 5.15 trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification, by the U. S. Department of Labor, Manpower Administration, Bureau of Apprenticeship and Training. The ratio of trainees to journeymen shall not be greater than permitted under the plan approved by the Bureau of Apprenticeship and Training. Every trainee must be

paid at not less than the rate specified in the approved program for his level of progress. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Bureau of Apprenticeship and Training shall be paid not less than the wage rate determined by the Secretary of Labor for the classification of work he actually performed. The contractor or subcontractor will be required to furnish the contracting officer or a representative of the Wage-Hour Division of the U. S. Department of Labor written evidence of the certification of his program, the registration of the trainees, and the ratios and wage rates prescribed in that program. In the event the Bureau of Apprenticeship and Training withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

I. Application of 29CFR Part 5a

On contracts in excess of \$10,000 the employment of all laborers and mechanics, including apprentices and trainees, as defined in Section 5.2(c) shall also be subject to the provisions of Part 5a of this subtitle. Apprentices and trainees shall be hired in accordance with the requirements of Part 5a of this subtitle (29CFR 5.5(a)(4)(iii)).

1. The contractor agrees:

(i) That he will make a diligent effort to hire for the performance of the contract a number of apprentices or trainees, or both, in each occupation, which bears to the average number of journeymen in that occupation to be employed in the performance of the contract the applicable ratio as determined by the Secretary of Labor;

(ii) That he will assure that 25 percent of such apprentices or trainees in each occupation are in their first year of training, where feasible. Feasibility here involves a consideration of (a) the availability of training opportunities for first year apprentices, (b) the hazardous nature of the work for beginning workers, (c) excessive unemployment of apprentices in their second and subsequent years of training.

(iii) That during the performance of the contract he will, to the greatest extent possible, employ the number of apprentices or trainees necessary to meet currently the requirements of subdivisions (i) and (ii) of this subparagraph.

2. The contractor agrees to maintain records of employment by trade of the number of apprentices and trainees, apprentices and trainees by first year of training, and of journeymen, and the wages paid and hours of work of such apprentices, trainees and journeymen. The contractor agrees to make these records available for inspection upon request of the Department of Labor and the Federal agency concerned.
 3. The contractor who claims compliance based on the criterion stated in 5a.4(b) agrees to maintain records of employment, as described in 5a.3(a)(2), on non-Federal and non-federally assisted construction work done during the performance of this contract in the same labor market area. The contractor agrees to make these records available for inspection upon request of the Department of Labor and the Federal agency concerned.
 4. The contractor agrees to supply one copy of the written notices required in accordance with 5a.4(c) at the request of Federal agency compliance officers. The contractor also agrees to supply at 3-month intervals during performance of the contract and after completion of contract performance a statement describing steps taken toward making a diligent effort and containing a breakdown by craft, of hours worked and wages paid for first year apprentices and trainees, other apprentices and trainees, and journeymen. One copy of the statement will be sent to the agency concerned, and one to the Secretary of Labor.
 5. The contractor agrees to insert in any subcontract under this contract the requirements contained in this paragraph (29CFR 5a.3 (a) (1), (2), (3), (4), and (5). Sections 5a.4, 5a.5, 5a.6, and 5a.7 shall also be attached to each such contract for the information of the contractor. The term "contractor" as used in such clauses in any subcontract shall mean the subcontractor.
- c. Equal Employment Opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

7. EMPLOYMENT OF CERTAIN PERSONS PROHIBITED

No person under the age of sixteen years and no person who, at the time, is serving sentence in a penal or correctional institution shall be employed on the work covered by this Contract.

8. REGULATIONS PURSUANT TO SO-CALLED "ANTI-KICKBACK ACT"

The Contractor shall comply with the applicable regulations (a copy of which is attached and herein incorporated by reference) of the Secretary of Labor, United States Department of Labor, made pursuant to the so-called "Anti-Kickback Act" of June 13, 1934 (48 Stat. 948: 62 Stat. 862; Title U.S.C., Section 874: and Title 40 U.S.C., Section 276c), and any amendments or modifications thereof, shall cause appropriate provisions to be inserted in subcontracts to insure compliance therewith by all subcontractors subject thereto, and shall be responsible for the submission of affidavits required by subcontractors thereunder, except as said Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions from the requirements thereof (see Exhibit C pages CDBG-32 to CDBG-39).

9. EMPLOYMENT OF LABORERS OR MECHANICS NOT LISTED IN AFORESAID WAGE DETERMINATION DECISION

Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the Contract will be classified or reclassified conformably to the wage determination by the CITY OF BOSTON and a report of the action taken shall be submitted by the CITY OF BOSTON through the Secretary of Housing and Urban Development, to the Secretary of Labor, United States Department of Labor. In the event the interested parties cannot agree on the proper classification or reclassification of a particular class of laborers and mechanics to be used, the question accompanied by the recommendation of the Local Public Agency or Public Body shall be referred, through the Secretary of Housing and Urban Development, to the Secretary of Labor for final determination.

10. FRINGE BENEFITS NOT EXPRESSED AS HOURLY WAGE RATES

The CITY OF BOSTON shall require, whenever the minimum wage rate prescribed in the Contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly wage rate and the Contractor is obligated to pay cash equivalent of such a fringe benefit, an hourly cash equivalent thereof to be established. In the event the interested parties cannot agree upon a cash equivalent of the fringe benefit, the question, accompanied by the recommendation of the CITY OF BOSTON shall be referred, through the Secretary of Housing and Urban Development, to the Secretary of Labor for determination.

11. POSTING WAGE DETERMINATION DECISIONS AND AUTHORIZED WAGE DEDUCTIONS

The applicable wage poster of the Secretary of Labor, United States Department of Labor, and the applicable wage determination decisions of said Secretary of Labor with respect to the various classification of laborers and mechanics employed and to be employed upon the work covered by this Contract, and a statement showing all deductions, if any, in accordance with the provisions of this Contract, to be made from wages actually earned by persons so employed or to be employed in such classifications, shall be posted at appropriate conspicuous points at the site of the work.

No laborer or mechanic to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.

13. CLAIMS AND DISPUTES PERTAINING TO WAGE RATES

Claims and disputes pertaining to wage rates or to classifications of laborers and mechanics employed upon the work covered by this Contract shall be promptly reported by the Contractor in writing to the CITY OF BOSTON for referral by the latter through the Secretary of Housing and Urban Development to the Secretary of Labor, United States Department of Labor, whose decision shall be final with respect thereto.

14. QUESTIONS CONCERNING CERTAIN FEDERAL STATUTES AND REGULATIONS

All questions arising under this Contract which relate to the application or interpretation of (a) the aforesaid Anti-Kickback Act, (b) the Contract Work Hours and Safety Standards Act, (c) the aforesaid Davis-Bacon Act, (d) the regulations issued by the Secretary of Labor, United States Department of Labor, pursuant to said Acts, or (e) the labor standards provisions of any other pertinent Federal statute, shall be referred, through the CITY OF BOSTON and the Secretary of Housing and Urban Development, to the Secretary of Labor, United States Department of Labor, for said Secretary's appropriate ruling or interpretation which shall be authoritative and may be relied upon for the purposes of this Contract.

15. PAYROLLS AND BASIC PAYROLL RECORDS OF CONTRACTOR AND SUBCONTRACTORS

The Contractor and each subcontractor shall prepare his payrolls on forms satisfactory to and in accordance with instructions to be furnished by the CITY OF BOSTON. The Contractor shall submit weekly to the Local Public Agency or Public Body two certified copies of all payrolls of the Contractor and of the subcontractors, it being understood that the Contractor shall be responsible for the submission of copies of payrolls of all subcontractors. Each such payroll shall contain the "Weekly Statement of Compliance" set forth in Section 3.3 of Title 29, Code of Federal Regulations. The payrolls and basic payroll records of the Contractor and each subcontractor covering all laborers and mechanics employed upon the work covered by this Contract shall be maintained during the course of the work and preserved for a period of 3 years thereafter. Such payrolls and basic payroll records shall contain the name and address of each such employee, his correct classification, rate of pay (including rates of contributions or costs anticipated of the types described in Section 1(b)(2) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid. In addition, whenever the Secretary of Labor has found under Section 5.5(a)(1)(iv) of Title 29, Code of Federal Regulations, that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing

benefits under a plan or program described in Section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor or subcontractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. The Contractor and each subcontractor shall make his employment records with respect to persons employed by him upon the work covered by this Contract available for inspection by authorized representatives of the Secretary of Housing and Urban Development, the CITY OF BOSTON and the United States Department of Labor. Such representatives shall be permitted to interview employees of the Contractor or of any subcontractor during working hours on the job.

16. SPECIFIC COVERAGE OF CERTAIN TYPES OF WORK BY EMPLOYEES

The transporting of materials and supplies to or from the site of the Project or Program to which this Contract pertains by the employees of the Contractor or of any subcontractor, and the manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the Project or Program to which this Contract pertains by persons employed by the Contractor or by any subcontractor, shall, for the purposes of this Contract, and without limiting the generality of the foregoing provisions of this Contract, be deemed to be work to which these Federal Labor Standards Provisions are applicable.

17. INELIGIBLE SUBCONTRACTORS

The Contractor shall not subcontract any part of the work covered by this Contract or permit subcontracted work to be further subcontracted without the CITY OF BOSTON's prior written approval of the subcontractor. The Local Public Agency or Public Body will not approve any subcontractor for work covered by this Contract who is at the time ineligible under the provisions of any applicable regulations issued by the Secretary of Labor, United States Department of Labor or the Secretary of Housing and Urban Development, to receive an award of such subcontract.

18. PROVISIONS TO BE INCLUDED IN CERTAIN SUBCONTRACTS

The Contractor shall include or cause to be included in each subcontract covering any of the work covered by this Contract, provisions which are consistent with these Federal Labor Standards Provisions and also a clause requiring the subcontractors to include such provisions in any lower tier subcontracts which they may enter into, together with a clause requiring such insertion in any further subcontracts that may in turn be made.

19. BREACH OF FOREGOING FEDERAL LABOR STANDARDS PROVISIONS

In addition to the causes for termination of this Contract as herein elsewhere set forth, the CITY OF BOSTON reserves the right to terminate this Contract if the Contractor or any subcontractor whose subcontract covers any of the work covered by this Contract shall breach any of these Federal Labor Standards Provisions. A breach of these Federal Labor Standards Provisions may also be grounds for debarment as provided by the applicable regulations issued by the Secretary of Labor, United States Department of Labor.

General Labor Compliance Procedures

- (1) Before construction begins the CONTRACTOR agrees that he has:
 - a. Not been debarred or otherwise made ineligible to participate in any Federal or Federally-assisted project.
 - b. Reviewed and understands all labor standards CONTRACT provisions.
 - c. Received and reviewed the wage decision as part of the CONTRACT provisions.
 - d. Requested through the CITY and received the minimum wage for each classification to be worked on the project which was not included on the wage decision by the additional classification process and before allowing any such trade(s) to work on the project.
 - e. Requested and received certification of his apprenticeship program from the State's Bureau of Apprenticeship and Training (recognized by USBAT) and submitted copy thereof to the recipient prior to employment on the project. Likewise "trainee" program certification from U.S.B.A.T. if applicable, must be submitted.
- (2) At Construction Start the CONTRACTOR agrees that he has:
 - a. Notified the CITY of construction start date in writing.
 - b. Has placed each of the following on a bulletin board prominently located on the project site which can be seen easily by the workers (and replaced if lost or unreadable any time during construction):
 - (i) Wage Decision;
 - (ii) Notice to Employees;
 - (iii) Safety and Health Protection on the Job;

- c. Before assigning each project worker to work, has obtained worker's name, best mailing address, and Social Security Number (for payroll purposes).
- d. Has obtained a copy of each apprentice's certificate with the apprentice's registration number and his year of apprenticeship from the State S.A.T.
- e. Has informed each worker of:
 - (i) His work classification (journeyman or job title) as it will appear on the payroll.
 - (ii) His duties of work.
- f. The U.S. Department of Labor's requirement on the project that he is either a journeyman, apprentice, or laborer -
 - (i) If journeyman, he is to be paid journeyman's minimum wage rate or more;
 - (ii) If apprentice, he is to be paid not less than the apprentice's rate for the trade based on his year of apprenticeship; or
 - (iii) If laborer, he is to do laborers work only, is not use any tool or tools of the trade - and not perform any part of a journeyman's work - and is paid the laborer's minimum wage rate or more.
- g. Agrees that each laborer or mechanic who performs work on project in more than one classification within the same workweek shall be classified and paid at the highest wage rate applicable to any of the work which he performs unless the following requirements are met:
 - (i) Accurate daily time records shall be maintained. These records must show the time worked in each classification and the rate of pay for each classification, and must be signed by the workman.
 - (ii) The payroll shall show the hours worked in each classification and the wage rate paid for each classification.

(iii) The payroll shall be signed by the workmen or a signed copy of the daily time record shall be attached thereto.

h. The CONTRACTOR will inform each worker of his hourly wages (not less than the minimum wage rate for his work which is stated in the Wage Decision.)

(i) Time and a half for all work over 8 hours any day or over 40 hours any workweek (See CONTRACT Work Hours Safety Standards Act).

(ii) Fringe benefits, if any (See Wage Decision for any required).

(iii) Deductions from his pay will inform each worker that he is subject to being interviewed on the job by the recipient or a HUD, Department of Labor, or other U.S. Government inspector, to confirm that his employer is complying with all labor requirements.

(iv) Has informed each journeyman and each apprentice that a journeyman must be on the job at all times when an apprentice is working.

(3) During Construction the CONTRACTOR agrees that he:

(i) has employed all registered apprentices referred to him through normal channels up to the applicable ratio of apprentices to journeyman in each trade used by the employer.

(ii) will maintain basic employment records accessible to inspection by the recipient or U.S. Government representative.

(iii) is complying with all health and safety standards.

(iv) has paid all workers weekly.

D. Reporting

The CONTRACTOR will furnish all information and reports required under the Copeland Act and the Davis-Bacon Act and by the rules regulations, and orders of the Secretary as set forth in Section XV subsection C of this Part.

XII WORK HOURS AND SAFETY STANDARDS

In construction contracts in excess of \$2,000 and other contracts in excess of \$2,500, the CONTRACTOR agrees to comply with sections 103 and 107 of the Contract Work Hours Safety Standards Act (40 U.S.C. 327-5). Under section 103 of the Act, the CONTRACTOR is required to compute the wages of every mechanic and laborer on the basis of a standard work day of 8 hours and a standard work week of 40 hours. Work in excess of the standard workday or workweek is permissible provided that the worker is compensated at a rate of not less than 1-1/2 times the basic rate of pay for all hours worked in excess of 8 hours in any calendar day or 40 hours in the workweek. Section 107 of the act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction, safety, and health standards promulgated by the Secretary of Labor. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

XIII ENVIRONMENTAL CONSIDERATIONS

A. Flood Disaster Protection

The Owner of land subject to acquisition or improvement under this CONTRACT, and its successors or assigns, are hereby obligated to obtain and maintain, during ownership of the land which is the subject of this CONTRACT, such flood insurance as is required with respect to financial assistance for acquisition or construction purposes under section 102(a) of the Flood Disaster Protection Act of 1973. This obligation is binding notwithstanding the fact that construction on the land which is the subject of this contract is not itself funded out of assistance provided under the Housing and Community Development Act of 1974.

B. Compliance with Clean Air Act and Federal Water Pollution Control Act

- (1) The CONTRACTOR stipulates that any facility to be utilized in the performance of this CONTRACT is not listed on the List of Violation Facilities issued by the Environmental Protection Agency (EPA) pursuant to 40 CFR 15.20.
- (2) The CONTRACTOR agrees to comply with all the requirements of section 114 of the Clean Air Act, as amended, (42 USC 1857c-8) and section 308 of the Federal Water Pollution Control Act, as amended, (33 USC 1318) relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in said section 114 and section 308, and all regulations and guidelines issued thereunder.

- (3) The CONTRACTOR stipulates that as a condition for the award of this contract prompt notice will be given of any notification received from the Director, Office of Federal Activities, EPA, indicating that a facility utilized or to be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.
- (4) The CONTRACTOR agrees that it will include or cause to be included the criteria and requirements in paragraph (1) through (4) of this section in every nonexempt subcontract and that it will take such action as the Government may direct as a means of enforcing such provisions.

C. Lead-Based Paint

The CONTRACTOR agrees to comply, where applicable, with HUD Lead-Based Paint regulations, 24CFR, Part 35, including the elimination of lead-based paint hazards under subpart B of said regulations. The CITY is responsible for the inspections and certifications required under section 35.14(f) thereof.

D. Historic Preservation

The CONTRACTOR agrees to assist the CITY in complying with the requirements of the National Historic Preservation Act of 1966, (P.L. 89-665) Preservation Act of 1974 the Archaeological and Historic (P.L. 93-291), Executive Order 11593, the procedures outlines in 36CFR800 pertaining to the Advisory Council on Historic Preservation, the Historic Districts Act of the Commonwealth of Massachusetts (M.G.L. Chapter 40C).

XIV. DESIGN CONTRACTS

The CONTRACTOR shall comply with the Architectural Barriers Act of 1968 and the "American Standard Specification for Making Buildings and Facilities Accessible and Usable by the Physically Handicapped" (Number A-117.1R-1971), as modified (41CFR 101-17.703) in the design of any facilities under this CONTRACT.

XV. REPORTING REQUIREMENTS

A. Equal Opportunity and non discriminatory Practices. The following apply to construction CONTRACTS of \$10,000 or more:

- (1) Each week, the CONTRACTOR shall complete and file with the CITY, through the City's Office of Human Rights, an Equal Opportunity Compliance report on a form to be supplied by the CITY.

- a. Whenever the CONTRACTOR or subcontractor has a collective bargaining agreement or other contract or understanding with a labor union or an agency referring workers or providing such information as to such labor union's or agency's practices and policies as the Official may require, provided that to the extent such information is within the exclusive possession of a labor union or agency, referring to workers or providing or supervising apprenticeship or training and if such labor union or agency shall refuse to furnish such information to the CONTRACTOR, the CONTRACTOR shall so certify to the Official as part of his compliance report, and shall set forth what efforts he has made to obtain such information.
- b. The CITY requires that the CONTRACTOR or SUBCONTRACTOR shall submit, as part of his Compliance Report, a statement in writing, signed by an authorized officer or agent on behalf of any labor union or any agency referring workers or providing or supervising apprenticeship or other training, with which the bidder or prospective CONTRACTOR or SUBCONTRACTOR deals with, supporting information, to the effect that the signer's practice and policies do not discriminate on the grounds of race, color, religious creed, national origin, sex, age or ancestry and that the signer either will affirmatively cooperate in the implementation of the policy and provisions of this section or that is consents and agrees that recruitment, employment, and the terms and conditions of employment.

(2) Monthly Reports

On the fifth day of every month, the CONTRACTOR shall complete and file with the CITY and the regional offices of United States Department of Housing and Urban Development and the Department of Labor, a Manpower Utilization Report, on a form to be supplied by the CITY.

(3) Annual Reports

- a. Each prime contractor shall file, and each prime contractor and subcontractor shall cause its subcontractors to file annually, on or before the 31st day of March, complete and accurate reports on Standard Form 100(EEO-1) promulgated jointly by the Office of Federal Contract Compliance, the Equal Employment Opportunity Commission and Plans for Progress or such form as may hereafter be promulgated in its place if such prime contractor or subcontractor

- (i) is not exempt from the provisions of the "rules and regulations" in accordance with 41 CFR 60-1.5;
 - (ii) has 100 or more employees;
 - (iii) is a prime contractor of first-tier subcontractor; and
 - (iv) has a nonexempt contract, subcontract or purchase order, serves as a depository of Government funds, or is a financial institution which is an issuing and paying agent for U.S. savings bonds and savings notes: Provided, that any subcontractor below the first tier which performs construction work shall be required to file such a report if it meets requirements of subdivisions (i), (ii), and (iv) of this subparagraph.
- b. Each person required by subparagraph of this paragraph to submit reports shall file such a report with the Department within 30 days after the award to him of a contract or subcontract, unless such person has submitted such a report within 12 months preceding the date of the award. Subsequent reports shall be submitted annually in accordance with subparagraph (1) of this paragraph, or at such other intervals as the CCO or the Director may require. The Department, with the approval of the Director, may extend the time for filing any report.

B. Training, Employment and Contracting Opportunities for Businesses and lower income persons.

(1) Periodic Reports

- a. The CONTRACTOR shall submit to the CITY when requested, documentation of the fact that he had made a good faith effort, to comply with section 3 requirements, as set forth in 24CFR 8 135 and Section III of this PART.
- b. For each employee hired by the CONTRACTOR whom the CONTRACTOR claims to be a section 3 resident, the CONTRACTOR shall maintain on file for inspection a FORM AAP-1 for each such employee. The CITY reserves the right to interview employees working under this contract during working hours on the job.

(2) SITE INSPECTIONS

At the request of the CITY, the Department of Housing and Urban Development, and/or the Department of Labor, the CONTRACTOR shall produce records and documentation pertaining to the CONTRACTOR'S good faith efforts to comply with the Section 3 provisions. The CITY and HUD also reserve the right to perform Section 3 audits.

C. Labor Standards

The following reporting requirements apply to construction Contracts in excess of two thousand (\$2,000) dollars.

(1) Weekly Reports

The CONTRACTOR and all subcontractors and lower-tier subcontractors shall complete and file with the CITY, weekly payroll information, on a form supplied by the CITY. The form shall be accompanied by a statement signed by the employer or his agent indicating that the wage rates contained therein are not less than those determined by the Secretary of Labor and that the classification set forth for each laborer or mechanic conforms with the work he performed. A submission of a "Weekly Statement of Compliance" which is required under this AGREEMENT and the Copeland regulations of the Secretary of Labor (29 CFR, Part 3) and the filing with the initial payroll or any subsequent payroll of a copy of any findings by the Secretary of Labor under 29 CFR 5.5(a) (1) (iv) shall satisfy this requirement. This prime CONTRACTOR shall be responsible for the submission of copies of payrolls of all subcontractors. The CONTRACTOR will make available the records required under the labor standards clauses of the CONTRACT for inspection by authorized representatives of HUD, the CITY, and the Department of Labor, and will permit such representatives to interview employees during working hours on the job. The submission procedure is:

- a. Each lower-tier subcontractor, after careful review, shall submit required documents to the respective subcontractor.
- b. Each subcontractor, after checking his own and those of each lower-tier subcontractor, may have to submit required documents to the PRIME CONTRACTOR.
- c. The CONTRACTOR after reviewing all payrolls and other documentation, including his own, and correcting violations where necessary, shall submit required documents to the CITY. Said payroll forms are to be submitted seven (7) days after the end of each pay period.

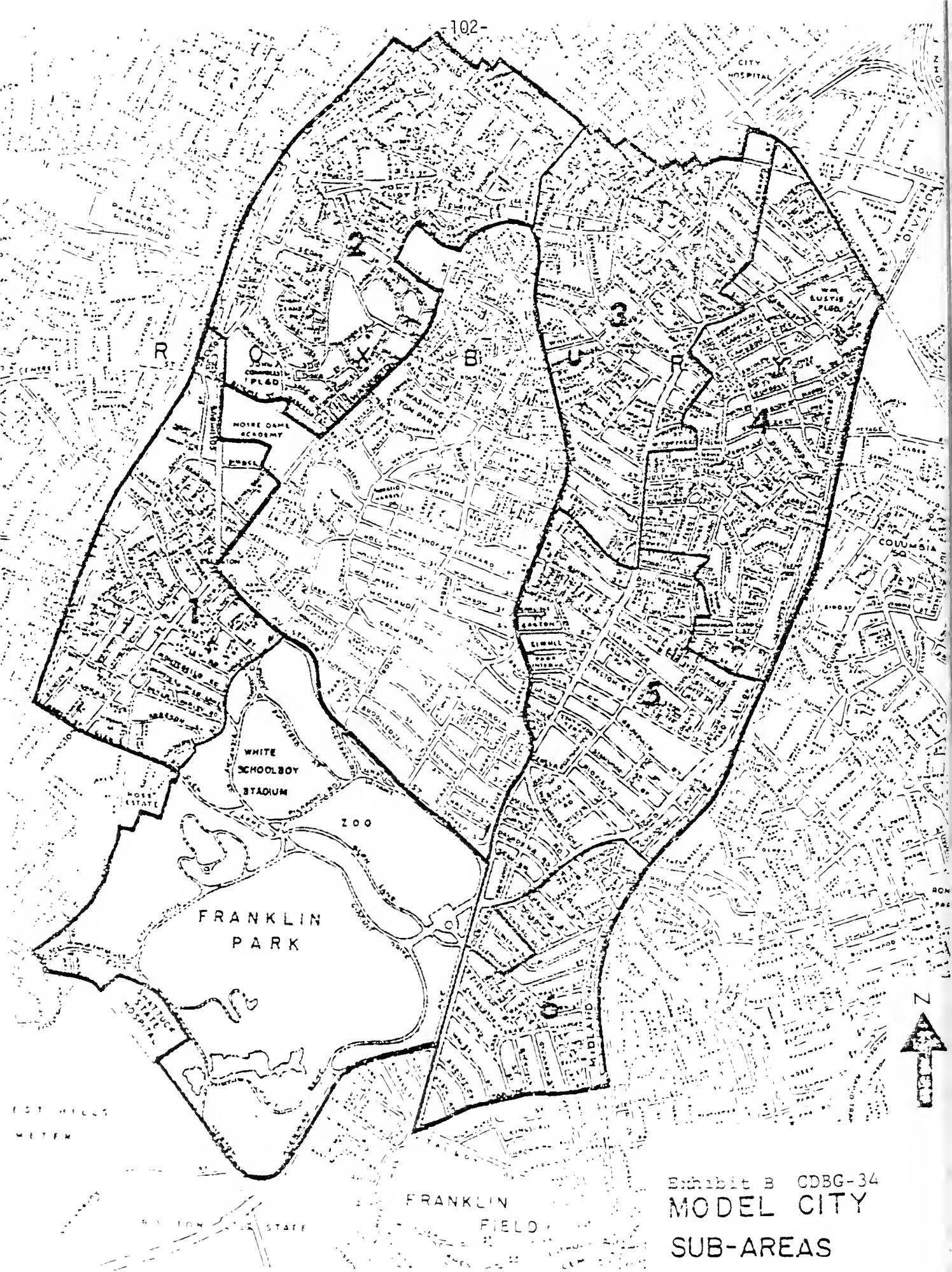


Exhibit B CDBG-34
MODEL CITY
SUB-AREAS

EXHIBIT C

ATTACHMENT TO FEDERAL LABOR STANDARDS PROVISIONS
SO-CALLED "ANTI-KICKBACK ACT" AND REGULATIONS PROMULGATED
PURSUANT THERETO BY THE SECRETARY OF LABOR,
UNITED STATES DEPARTMENT OF LABOR

TITLE 18, U.S.C., section 874

(Replaces section 1 of the Act of June 13, 1934 (48 Stat. 948, 40 U.S.C.,
sec. 276b) pursuant to the Act of June 25, 1948, 62 Stat. 862)

KICKBACKS FROM PUBLIC WORKS EMPLOYEES

Whoever, by force, intimidation, or threat of procuring dismissal from employment, or by any other manner whatsoever induces any person employed in the construction, prosecution, completion or repair of any public building, public work, or building or work financed in whole or in part by loans or grants from the United States, to give up any part of the compensation to which he is entitled under his contract of employment, shall be fined not more than \$5,000 or imprisoned not more than five years, or both.

SECTION 2 OF THE ACT OF JUNE 13, 1934, AS AMENDED (48 Stat. 948, 62 Stat. 862,
63 Stat. 108, 72 Stat. 967, 40 U.S.C., sec. 276c)

The Secretary of Labor shall make reasonable regulations for contractors and subcontractors engaged in the construction, prosecution, completion or repair of public buildings, public works or buildings or works financed in whole or in part by loans or grants from the United States, including a provision that each contractor and subcontractor shall furnish weekly a statement with respect to the wages paid each employee during the preceding week. Section 1001 of Title 18 (United States Code) shall apply in such statements.

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Pursuant to the aforesaid Anti-Kickback Act, the Secretary of Labor, United States Department of Labor, has promulgated the regulations hereinafter set forth, which regulations are found in Title 29, Subtitle A, Code of Federal Regulations, Part 3. The term "this part," as used in the regulations hereinafter set forth, refers to Part 3 last above mentioned. Said regulations are as follows:

TITLE 29 - LABOR

Subtitle A - Office of the Secretary of Labor

PART 3-CONTRACTORS AND SUBCONTRACTORS ON PUBLIC BUILDING OR PUBLIC WORK FINANCED IN
WHOLE OR IN PART BY LOANS OR GRANTS FROM THE UNITED STATES

Section 3.1 Purpose and scope.

This part prescribes "anti-kickback" regulations under section 2 of the Act of June 13, 1934, as amended (40 U.S.C. 276c), popularly known as the Copeland Act. This part applies to any contract which is subject to Federal wage standards and which is for the construction, prosecution, completion, or repair of public buildings, public works or buildings or works financed in whole or in part by loans or grants from the United States. The part is intended to aid in the enforcement of the minimum wage provisions of the Davis-Bacon Act and the various statutes dealing with Federally-assisted construction that contain similar minimum wage provisions, including those provisions which are not subject to Reorganization Plan No. 14

(e.g., the College Housing Act of 1950, the Federal Water Pollution Control Act, and the Housing Act of 1959), and in the enforcement of the overtime provisions of the Contract Work Hours Standards Act whenever they are applicable to construction work. The part details the obligation of contractors and subcontractors relative to the weekly submission of statements regarding the wages paid on work covered thereby; sets forth the circumstances and procedures governing the making of payroll deductions from the wages of those employed on such work; and delineates the methods of payment permissible on such work.

Section 3.2 Definitions.

As used in the regulations in this part:

(a) The terms "building" or "work" generally include construction activity as distinguished from manufacturing, furnishing of materials, or servicing and maintenance work. The terms include, without limitation, buildings, structures, and improvements of all types, such as bridges, dams, plants, highways, parkways, streets, subways, tunnels, sewers, mains, powerlines, pumping stations, railways, airports, terminals, docks, piers, wharves, ways, lighthouses, buoys, jetties, breakwaters, levees, and canals; dredging, shoring, scaffolding, drilling, blasting, excavating, clearing, and landscaping. Unless conducted in connection with and at the site of such a building or work as is described in the foregoing sentence, the manufacture or furnishing of materials, articles, supplies, or equipment (whether or not a Federal or State agency acquires title to such materials, articles, supplies, or equipment during the course of the manufacture or furnishing, or owns the materials from which they are manufactured or furnished) is not a "building" or "work" within the meaning of the regulations in this part.

(b) The terms "construction," "prosecution," "completion," or "repair" mean all types of work done on a particular building or work at the site thereof, including, without limitation, altering, remodeling, painting and decorating, the transporting of materials and supplies to or from the building or work by the employees of the construction contractor or construction subcontractor, and the manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the building or work, by persons employed at the site by the contractor or subcontractor.

(c) The terms "public building" or "public work" include building or work for whose construction, prosecution, completion, or repair, as defined above, a Federal agency is a contracting party, regardless of whether title thereof is in a Federal agency.

(d) The term "building or work financed in whole or in part by loans or grants from the United States" includes building or work for whose construction, prosecution, completion, or repair, as defined above, payment or part payment is made directly or indirectly from funds provided by loans or grants by a Federal agency. The term does not include building or work for which Federal assistance is limited solely to loan guarantees or insurance.

(e) Every person paid by a contractor or subcontractor in any manner for his labor in the construction, prosecution, completion, or repair of a public building or public work or building or work financed in whole or in part by loans or grants from the United States is "employed" and receiving "wages," regardless of any contractual relationship alleged to exist between him and the real employer.

(f) The term "any affiliated person" includes a spouse, child, parent, or other close relative of the contractor or subcontractor; a partner or officer of the contractor or subcontractor; a corporation closely connected with the contractor or subcontractor as parent, subsidiary or otherwise, and an officer or agent of such corporation.

(g) The term "Federal agency" means the United States, the District of Columbia, and all executive departments, independent establishments, administrative agencies, and instrumentalities of the United States and of the District of Columbia, including corporations, all or substantially all of the stock of which is beneficially owned by the United States, by the District of Columbia, or any of the foregoing departments, establishments, agencies, and instrumentalities.

Section 3.3 Weekly statement with respect to payment of wages.

(a) As used in this section, the term "employee" shall not apply to persons in classifications higher than that of laborer or mechanic and those who are the immediate supervisors of such employees.

(b) Each contractor or subcontractor engaged in the construction, preservation, completion, or repair of any public building or public work, or building or work financed in whole or in part by loans or grants from the United States, shall furnish each week a statement with respect to the wages paid each of its employees engaged on work covered by 29 CFR Parts 3 and 5 during the preceding weekly payroll period. This statement shall be executed by the contractor or subcontractor or by an authorized officer or employee of the contractor or subcontractor who supervises the payment of wages, and shall be on form WH 348, "Statement of Compliance", or on an identical form on the back of WH 347, "Payroll (For Contractors Optional Use)" or on any form with identical wording. Sample copies of WH 347 and WH 348 may be obtained from the Government contracting or sponsoring agency, and copies of these forms may be purchased at the Government Printing Office.

(c) The requirements of this section shall not apply to any contract of \$2,000 or less.

(d) Upon a written finding by the head of a Federal agency, the Secretary of Labor may provide reasonable limitations, variations, tolerances, and exemptions from the requirements of this section subject to such conditions as the Secretary of Labor may specify.

[29 F.R. 95, Jan. 4, 1964, as amended at 33 F.R. 10116, July 17, 1968]

Section 3.4 Submission of weekly statements and the preservation and inspection of weekly payroll records.

(a) Each weekly statement required under § 3.3 shall be delivered by the contractor or subcontractor, within seven days after the regular payment date of the payroll period, to a representative of a Federal or State agency in charge at the site of the building or work, or, if there is no representative of a Federal or State agency at the site of the building or work, the statement shall be mailed by the contractor or subcontractor, within such time, to a Federal or State agency contracting for or financing the building or work. After such examination and check as may be made, such statement, or a copy thereof, shall be kept available, or shall be transmitted together with a report of any violation, in accordance with applicable procedures prescribed by the United States Department of Labor.

(b) Each contractor or subcontractor shall preserve his weekly payroll records for a period of three years from date of completion of the contract. The payroll records shall set out accurately and completely the name and address of each laborer and mechanic, his correct classification, rate of pay, daily and weekly number of hours worked, deductions made, and actual wages paid. Such payroll records shall be made available at all times for inspection by the contracting officer or his authorized representative, and by authorized representatives of the Department of Labor.

Section 3.5 Payroll deductions permissible without application to or approval of the Secretary of Labor.

Deductions made under the circumstances or in the situations described in the paragraphs of this section may be made without application to and approval of the Secretary of Labor:

(a) Any deduction made in compliance with the requirements of Federal, State, or local law, such as Federal or State withholding income taxes and Federal social security taxes.

(b) Any deduction of sums previously paid to the employee as a bona fide prepayment of wages when such prepayment is made without discount or interest. A "bona fide prepayment of wages" is considered to have been made only when cash or its equivalent has been advanced to the person employed in such manner as to give him complete freedom of disposition of the advanced funds.

(c) Any deduction of amounts required by court process to be paid to another, unless the deduction is in favor of the contractor, subcontractor or any affiliated person, or when collusion or collaboration exists.

(d) Any deduction constituting a contribution on behalf of the person employed to funds established by the employer or representatives of employees, or both, for the purpose of providing either from principal or income, or both, medical or hospital care, pensions or annuities on retirement, death benefits, compensation for injuries, illness, accidents, sickness, or disability, or for insurance to provide any of the foregoing, or unemployment benefits, vacation pay, savings accounts, or similar payments for the benefit of employees, their families and dependents: *Provided, however,* That the following standards are met: (1) The deduction is not otherwise prohibited by law; (2) it is either: (i) Voluntarily consented to by the employee in writing and in advance of the period in which the work is to be done and such consent is not a condition either for the obtaining of or for the continuation of employment, or (ii) provided for in a bona fide collective bargaining agreement between the contractor or subcontractor and representatives of its employees; (3) no profit or other benefit is otherwise obtained, directly or indirectly, by the contractor or subcontractor or any affiliated person in the form of commission, dividend, or otherwise; and (4) the deductions shall serve the convenience and interest of the employee.

(e) Any deduction contributing toward the purchase of United States Defense Stamps and Bonds when voluntarily authorized by the employee.

(f) Any deduction requested by the employer to enable him to repay loans to or to purchase shares in credit unions organized and operated in accordance with Federal and State credit union statutes.

(g) Any deduction voluntarily authorized by the employee for the making of contributions to governmental or quasi-governmental agencies, such as the American Red Cross.

(h) Any deduction voluntarily authorized by the employee for the making of contributions to Community Chests, United Giving Funds, and similar charitable organizations.

(i) Any deductions to pay regular union initiation fees and membership dues, not including fines or special assessments: *Provided, however,* That a collective bargaining agreement between the contractor or subcontractor and representatives of its employees provides for such deductions and the deductions are not otherwise prohibited by law.

(j) Any deduction not more than for the "reasonable cost" of board, lodging, or other facilities meeting the requirements of section 3(m) of the Fair Labor Standards Act of 1938, as amended, and Part 531 of this title. When such a deduction is made the additional records required under § 516.27 (a) of this title shall be kept.

Section 3.6 Payroll deductions permissible with the approval of the Secretary of Labor.

Any contractor or subcontractor may apply to the Secretary of Labor for permission to make any deduction not permitted under § 3.5. The Secretary may grant permission whenever he finds that:

(a) The contractor, subcontractor, or any affiliated person does not make a profit or benefit directly or indirectly from the deduction either in the form of a commission, dividend, or otherwise;

(b) The deduction is not otherwise prohibited by law;

(c) The deduction is either (1) voluntarily consented to by the employee in writing and in advance of the period in which the work is to be done and such consent is not a condition either for the obtaining of employment or its continuance, or (2) provided for in a bona fide collective bargaining agreement between the contractor or subcontractor and representatives of its employees; and

(d) The deduction serves the convenience and interest of the employee.

Section 3.7 Applications for the approval of the Secretary of Labor.

Any application for the making of payroll deductions under § 3.6 shall comply with the requirements prescribed in the following paragraphs of this section:

- (a) The application shall be in writing and shall be addressed to the Secretary of Labor.
- (b) The application shall identify the contract or contracts under which the work in question is to be performed. Permission will be given for deductions only on specific, identified contracts, except upon a showing of exceptional circumstances.
- (c) The application shall state affirmatively that there is compliance with the standards set forth in the provisions of § 3.6. The affirmation shall be accompanied by a full statement of the facts indicating such compliance.
- (d) The application shall include a description of the proposed deduction, the purpose to be served thereby, and the classes of laborers or mechanics from whose wages the proposed deduction would be made.
- (e) The application shall state the name and business of any third person to whom any funds obtained from the proposed deductions are to be transmitted and the affiliation of such person, if any, with the applicant.

Section 3.8 Action by the Secretary of Labor upon applications.

The Secretary of Labor shall decide whether or not the requested deduction is permissible under provisions of § 3.6; and shall notify the applicant in writing of his decision.

Section 3.9 Prohibited payroll deductions.

Deductions not elsewhere provided for by this part and which are not found to be permissible under § 3.6 are prohibited.

Section 3.10 Methods of payment of wages.

The payment of wages shall be by cash, negotiable instruments payable on demand, or the additional forms of compensation for which deductions are permissible under this part. No other methods of payment shall be recognized on work subject to the Copeland Act.

Section 3.11 Regulations part of contract.

All contracts made with respect to the construction, prosecution, completion, or repair of any public building or public work or building or work financed in whole or in part by loans or grants from the United States covered by the regulations in this part shall expressly bind the contractor or subcontractor to comply with such of the regulations in this part as may be applicable. In this regard, see § 5.5 (a) of this subtitle.

SECTION THREE
AFFIRMATIVE ACTION PLAN

(Pages ST-1 to ST-7)

(TABLES AAP-1 to AAP-3)

(FORMS AAP-1 & AAP-2)

Contractor _____

Address _____

Project No. _____

Project Name _____

I hereby certify that the information contained in the SECTION THREE AFFIRMATIVE ACTION PLAN herein is complete and accurate to the best of my knowledge.

(Authorized Company Representative)

Applicable Project Area: (To be completed by DCCO)

_____ Urban Renewal Area

_____ Model Cities Area

_____ City of Boston Area

Instructions and Forms

I. Purpose and Responsibilities

The purpose of Section 3 of the Housing and Urban Development Act of 1968 is to see that project area residents, particularly residents who are socially or economically disadvantaged, benefit to the maximum extent feasible from programs and services financed from HUD funds, such as the Community Development Block Grant (C.D.B.G.). This means that the City of Boston, in spending C.D.B.G. funds, is obligated to take affirmative steps to expend as much of these funds as possible within the area of this particular project. Accordingly, parties that contract with the City of Boston should hire, as much as feasible, persons who reside in the project areas, especially those with low or moderate family incomes, that is, below \$13,900 annually. In addition, contractors should utilize, whenever possible, subcontractors and businesses which are either located in the project area or owned (51% or more) by project area residents. The specific Federal regulations for Section 3 can be found on pages CDBG-4 to CDBG-12 of this document.

Likewise, the City of Boston, in accepting C.D.B.G. funds from HUD, has a similar obligation to employ lower-income project area residents and to contract with project area businesses to the greatest extent feasible. As a result, the bidder's Section 3 eligibility status and how effectively the bidder, as a prospective contractor, assists the City of Boston in achieving this commitment will be given careful consideration when the final bids are opened for evaluation.

II. Requirements

To indicate its good faith in complying with the terms of Section 3, all bidders on this contract are required to submit with their bids, an AAP which outlines the specific steps to be taken to employ Section 3 project area residents and businesses. In other words, the AAP basically identifies: (1) the resources that will be required by a prospective contractor to perform this job; (2) the resources that are currently on hand; (3) the resources that will need to be procured; and (4) the methods to be used in making a good faith effort to obtain these needs from local sources (project area).

III. Instructions for Completing Required Forms

A Section 3 AAP consists of TABLES AAP-1 to AAP-3 and FORMS AAP-1 & AAP-2 and pertains to the following needs categories:

1. Trainees and Apprentices: If trainees and apprentices are expected to be employed under this contract, TABLE AAP-1 is to be used to indicate the plans for employing lower income project area residents in the Trainee/Apprentice category. If for any reason this particular category will not apply in the performance of this contract agreement, write "NOT APPLICABLE" across TABLE AAP-1 and provide a brief explanation in the space below it as to why this category does not apply.

2. Regular Employees: If new employees are expected to be hired to perform work under this contract, the bidder must indicate on TABLE AAP-2 the plans for employing lower income project area residents in this category. NOTE: For the purposes of this contract, a "new employee" is defined as one who is not on the bidder's payroll as of the date of bid opening for this project. If for any reason this particular category will not apply in the performance of this in the performance of this contract, write "NOT APPLICABLE" across TABLE AAP-2 and provide a brief explanation in the space below it as to why this category does not apply.
3. Business concerns: In regards to the letting of subcontract agreements and the procurement of supplies, materials and other goods and services, the bidder must indicate on TABLE AAP-3 and in the space below it, the efforts to be made by the bidder to utilize project area business concerns.

Bidders are advised to complete the AAP forms as accurately as possible and in good faith because the successful bidder awarded this contract with the City of Boston will be held accountable for complying with the statements set forth in the Section 3 AAP that accompanies the successful bid.

In addition to completing satisfactorily TABLES AAP-1 to AAP-3, you are required to complete FORM AAP-1 and submit it with your bid. This form is used to determine your Section 3 eligibility status.

Lastly, if you are awarded this contract, you will be required to maintain on file, for our inspection, a FORM AAP-2 for each employee who will be working under and paid from this contract.

IV. Assistance

Information and assistance in completing the Section 3 AAP is available by contacting the Mayor's Office of Federal Compliance, City Hall-Room 960, Boston, MA. 02201 (telephone) 725-3090

Also, additional copies of the required forms are available from the above office.

for

TRAINEES and APPRENTICES

If the above table is not applicable to this project, please explain why in the space provided below; or if you wish to provide additional information, please feel free to use the space below.

1

(THIS TABLE MUST BE COMPLETED AND SUBMITTED WITH YOUR BID)

UTILIZATION OF PROJECT AREA BUSINESS CONCERNS

PROPOSED CONTRACT	APPROX. NUMBER	APPROX. \$ VALUE	CONTRACT GOAL FOR SECTION 3	\$ AMT. GOAL FOR SECTION 3
TOTALS		\$		\$

Please describe below the specific steps expected to be taken to achieve the goals, established in the preceding table, for the utilization of project area business concerns. If not applicable, please explain why below.

(THIS TABLE MUST BE COMPLETED AND SUBMITTED WITH YOUR BID)

FORM AAP-1

CONTRACTOR'S SECTION 3 ELIGIBILITY STATUS

(THIS FORM MUST BE COMPLETED AND SUBMITTED WITH YOUR BID)

Name of Firm: _____

Location: _____

Telephone: _____

The above-named firm: (Check appropriate response)

1. Qualifies as a "small business" based on standards established by Small Business Administration (SBA)

_____ Yes

_____ No

2. Is either located within the City of Boston, Massachusetts, or is fifty-one (51%) percent or more owned by persons residing in Boston, Massachusetts and who are considered to be socially or economically disadvantaged, based on standards established by the SBA.

_____ Yes

_____ No

I hereby declare and certify that the above information is correct.

Signed _____

Title _____

Date _____

EMPLOYEE'S SECTION 3 ELIGIBILITY STATUS

This form is to be completed by persons who will be performing work under this contract and paid from this contract.

Name _____

Address _____

Telephone _____

(1) My FAMILY INCOME in the past twelve months has not been in

excess of \$13,900.00.

____ Yes ____ No

(2) My place of residence is within the City of Boston.

____ Yes ____ No

Employer _____

Address _____

Telephone _____

I hereby declare that the information contained in this statement is true, complete and correct to the best of my knowledge.

(signature)

(date)

NOTE: THIS FORM IS TO BE MAINTAINED ON FILE BY THE CONTRACTOR FOR FUTURE INSPECTION.

NOTICE OF REQUIREMENT
FOR AFFIRMATIVE ACTION
TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY
(Executive Order 11246)

The CONTRACTOR'S attention is called to the "Equal Opportunity Clause" and "Standard Federal Equal Employment Opportunity Construction Contract Specification" set forth in this part.

The Goals and timetables for minority and female participation, expressed in percentage terms for the CONTRACTOR'S aggregate workforce in each trade on all construction work in the covered areas, (see pages EDO-1 and EEO-2 of the bid specifications for goals and timetables).

These goals are applicable to all the CONTRACTOR'S construction work (whether or not it is Federal or federally-assisted) performed in the covered areas.

As used in this Notice, and in the contract, the covered area is Arlington, Boston, Belmont, Brookline, Burlington, Cambridge, Canton, Chelsea, Dedham, Everett, Malden Medford, Melrose, Milton, Norwood, Reading, Revere, Somerville, Stoneham, Wakefoeld, Westfield, Westwood, Winthrop, Winchester, Woburn, and the Islands of Boston Harbor, Massachusetts.

The CONTRACTOR'S compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required to meet the goals established for the geographical area where the contract is to be performed.

The hours of minority and female employment and training must be substantially uniform throughout the length of the contract in each trade, and the CONTRACTOR shall make a good faith effort to employ minorities and women evenly on each of its projects.

The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the CONTRACTOR'S goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total workhours performed.

EQUAL EMPLOYMENT OPPORTUNITY NOTICES

(Pages EEO-1 to EEO-12)

FOR AFFIRMATIVE ACTION
TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY
(Executive Order 11246)

1. The CONTRACTOR'S attention is called to the "Equal Opportunity Clause" and "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth in this part.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the CONTRACTOR'S aggregate workforce in each trade on all construction work in the covered area, are as follows:

GOALS FOR FEMALE PARTICIPATION IN EACH TRADE
(Area Covered: Goals for Women Apply Nationwide)

<u>Timetable</u>	<u>Goals (%)</u>
From April 1, 1978 until March 31, 1979	3.1%
From April 1, 1979 until March 31, 1980	5.0%
From April 1, 1980 until March 31, 1981	6.9%

GOALS FOR MINORITY PARTICIPATION IN EACH TRADE
(Boston, Massachusetts Area)

UNTIL FURTHER NOTICE, the following goals and timetables for minority utilization shall be included in all Federal or federally-assisted construction contracts and subcontracts in excess of ten-thousand (\$10,000) dollars to be performed in the respective covered areas. The

goals are applicable to the CONTRACTOR'S aggregate on-site construction workforce whether or not part of that workforce is performing work on a Federal or Federally-assisted construction contract or subcontract.

GOALS AND EFFECTIVE UNTIL FURTHER NOTICE)

<u>TRADE</u>	<u>GOALS %</u>
Asbestos Worker	10.8 to 10.12
Boilermakers	9.6 to 12.0
Carpenters	11.6 to 14.5
Bricklayers	8.0 to 10.0
Cement Masons	25.5 to 27.5
Electricians	6.0 to 7.0
Elevator Constructors	9.5 to 11.4
Glaziers	8.8 to 11.0
Ironworkers	5.9 to 6.9
Lathers	6.9 to 8.9
Operating Engineers	14.1 to 15.0
Painters	9.1 to 11.1
Pipefitters	11.0 to 12.1
Plasterers	20.5 to 22.5
Plumbers	9.8 to 11.8
Roofers	8.4 to 10.5
Sheetmetal Workers	10.1 to 12.1
Sprinkler Fitters	12.3 to 15.6
All other trades	10.3 to 12.3

These goals are applicable to all the CONTRACTOR'S construction work (whether or not it is Federal or federally-assisted) performed in the covered area.

The CONTRACTOR's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 DFR 60-4.3 (a) and its efforts to meet the goals established for the geographical area where the contract is to be performed.

The hours of minority and female employment and training must be substantially uniform throughout the length of the contract in each trade, and the CONTRACTOR shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the CONTRACTOR'S

goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The CONTRACTOR shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the prime contract. The notification shall list the name, address and telephone number of the subcontractor; employer identification number; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed.

4. As used in this Notice, and in the contract, the covered area is Arlington, Boston, Belmont, Brookline, Burlington, Cambridge, Canton, Chelsea, Dedham, Everett, Malden, Medford, Melrose, Milton, Norwood, Reading, Revere, Somerville, Stoneham, Wakefield, Westwood, Winthrop, Winchtester, Woburn, and the Island of the Boston Harbor, Massachusetts.

STANDARD FEDERAL EQUAL EMPLOYMENT
OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS
(EXECUTIVE ORDER 11246)

1. As used in these specifications:
 - a. covered areas means the geographical area described in the contract agreement.
 - b. Director means Director, Office of Federal Contract Compliance Program, United States Department of Labor, or any person to whom the Director delegates authority.
 - c. Employer identification number means the Federal Social Security Number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941.
 - d. Minority: includes
 - (I) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin).
 - (II) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or other Spanish Culture or origin regardless of race).
 - (III) Asian and Pacific Island (all persons having origin in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent of the Pacific Islands).
 - (IV) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

2. Whenever the Contractor or any Subcontractor at any tier subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the notice which contains the applicable goals for minority and female participation and which is set forth in this contract agreement.

3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goals under the plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith efforts to achieve the Plan goals or timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through p of these specifications. The goals set forth in this part are expressed as percentages of the total hours of employment and training of minority and female utilization. The Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. The Contractor is

expected to make substantially uniform progress toward its goals in each craft during the period specified.

5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246 or the regulations promulgated pursuant thereto.

6. In order for the non working training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the CONTRACTOR during the training period and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.

7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its efforts to achieve maximum results from its actions. The Contractor shall document these efforts fully and shall implement affirmative action steps at least as extensive as the following:

- a. Ensure and maintain a working environment free of harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work. The Contractor where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other onsite

supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.

- b. Establish and maintain a current list of minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations responses.
- c. Maintain a current file of the names, address and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source of community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.
- d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or women sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- e. Develop on-the-job training opportunities and or participate in training programs for the area which expressly include minorities

and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those program funded or approved by the Department of Labor. The CONTRACTOR shall provide notice of these programs to the sources compiled under 7b above.

- f. Disseminate the Contractor's EEP policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; but publicizing it in the company newspaper, annual report etc; by specific review of the policy with all management personnel and with all minority and female employees at least once a year, and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with on-site supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including

minority and female news media and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.

- j. Direct its recruitment efforts, both oral and written, to minority, female, and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above describing the openings, screening procedures, and tests to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after-school, summer, and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
- l. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or prepare for, through appropriate training etc., such opportunities.
- m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a

discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.

- n. Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
- o. Document and maintain a record of all solicitations of offers _____ subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
- p. Conduct a review, at least annually, of all supervisors adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of the affirmative action obligations (7b through p). The efforts of a contractor association, joint contractor-union, contractor community, or other similar group of which the Contractor is a member or participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these Specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female work force participation, makes a good faith effort

to meet its individual goals and timetables and can provide access to documentation which demonstrates the effectiveness of action taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's non-compliance.

9. A single goals for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex or national origin.

11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.

12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.

13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, of these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.

14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions, hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone number, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g. mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g. those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

Revised December, 1976

M O D E L

Affirmative Action Program

Gentlemen:

This letter is being delivered to you, in consideration of being awarded a contract for the work on _____ Project in the City of Boston, Massachusetts, as evidence of our undertakings in connection with equal employment opportunity.

We understand that opportunities for minority groups to obtain adequate employment have been severely limited; that it is the policy of the Federal Government and the City of Boston to insure the fullest possible employment opportunities in every construction job involving, directly or indirectly, public assistance; and that we are obligated to the Boston Redevelopment Authority to take certain steps to help ensure the creation of such opportunities. Finally, we understand that if in the course of construction there is a failure to comply with governmental policies, B.R.A.'s Contract Compliance Policy Commonwealth of Massachusetts Equal Employment Opportunity Anti-Discrimination Affirmation Action Program, or the City of Boston's Affirmative Action Contract Compliance Program pertaining to equal employment opportunities, we will be in default under the Land Disposition Agreement, construction and/or other Contracts. Violation of any of the above is likely to incur serious penalties.

Accordingly, we hereby agree to do the following things:

1. We shall assist you in every way in carrying out the requirements of the section of said Land Disposition Agreement which is entitled "Non-Discrimination in Employment", and/or the equal employment opportunity section of the contract, and the President's Executive Orders to which said section refers and with which we have familiarized ourselves.
2. We shall observe all the practices and procedures set fourth in the "Equal Opportunity Compliance Policy" of the Boston Redevelopment Authority, with the provisions of which we also have become familiar, including the requirement to submit to the Authority an acceptable "Plan of Affirmative Action for Equal Employment Opportunity", and the requirement that prior to the execution of any Subcontracts we shall schedule with the Authority's Contract Compliance Officer a pre-award conference in order to assure compliance with said policy and to further the goals thereof.
3. We shall ensure in every way that we do not fall into default under the provisions of said Disposition Agreement, and/or other contracts and will assist the Boston Redevelopment Authority in every reasonable way to help to provide greater employment opportunities for members of minority groups.

4. In addition, we further certify that we will adopt the minimum goals and timetables of minority manpower utilization (minority is defined as including Negroes, Spanish Surnamed American, Orientals and American Indians, and includes both men and women) and initiate specific affirmative action steps as set forth below (items (a) (b) (c) and (d) directed at increasing minority manpower utilization by means of applying good faith efforts to carry out such steps.

- (a) Goals and Timetables - The goals of minority manpower utilization required of the contractors are applicable to the trade show which will be used on the project in Boston.

Ranges of Minority Manpower
Utilization Expressed in
Percentage Terms From

1/1/77 Until 12/31/77

All Trades 10.3% - 12.3%

The percentage goals of minority manpower utilization above are expressed in terms of manhours or training and employment as a proportion of the total manhours to be worked by this contractors or subcontractors entire work force in that trade on all projects (both federal and non-federal) in the Boston area during the performance of its contract or subcontract. The manhours for minority work and training will be substantially uniform throughout the length of the contract for each of the trades. Further, the transfer of minority employees or trainees from employer to employer or from project to project for the sole purpose of meeting this contractor's or subcontractor's goal shall be a violation of these conditions. In reaching the goals of minority manpower utilization required of contractors, every effort shall be made to find and employ qualified journeymen. Provided, however, and pursuant to the requirements of Department of Labor regulations, 29 CFR 5a, apprentices or trainees shall be employed on all projects where feasible, 25 percent of apprentices or trainees employed on each project shall be in their first year of apprenticeship or training.

In order that the non-working training hours of trainees may be counted in meeting the goal, such trainees will be employed by this contractor during the training period, this contractor will have made a commitment to employ the trainees at the completion of their training subject to the availability of employment opportunities and the trainees will be trained pursuant to established training programs which will be the equivalent of the training programs now or hereafter provided for in the Boston Plan with respect to the nature, extent and duration of training offered.

We will inform our subcontractors, if any, of their respective obligations relating to the goals of minority employment and training. For all projects located in an area in which there are high concentrations of minority group persons.

- (b) Not less than 30% ratio of minority utilization in all trades is required and maintained throughout the life of this contract. These areas are now Roxbury, Dorchester, South End, South Cove and sections of Jamaica Plain.
- (c) A primary contractor performing on BRA projects in those communities will also be required to reserve 50% of his subcontracting jobs for minority construction companies or construction companies which employ 50% minority employees.
- (d) Specific Affirmative Action Steps. We will engage in affirmative action directed at increasing minority manpower utilization, which is at least as extensive and as specific as the following steps:
 - 1. We shall notify community organizations that this subcontractor has employment opportunities available and shall maintain records of the organizations response.
 - 2. We shall maintain a file of the names and addresses of each minority worker referred to us and what action was taken with respect to each such referred worker, and if the worker was not employed, the reasons therefor. If such worker was not sent to the union hiring hall for referral or if such worker was not employed by this subcontractor, this subcontractor's file shall document this and the reasons therefor.
 - 3. We shall promptly notify the Boston Redevelopment Authority when the union or unions with whom this subcontractor has a collective bargaining agreement has not referred to this subcontractor a minority worker sent by this subcontractor or the subcontractor has other information that the union referral process has impeded us in efforts to meet our goal.
 - 4. We shall participate in training programs in the area, especially those funded by the Department of Labor.
 - 5. We shall disseminate an EEO policy within our organization by including it in any policy manual; by publicizing it in company newspapers, annual reports, etc., by conducting staff, employee and union representative meetings to explain and discuss the policy; and specific review of the policy with minority employees.

6. We shall disseminate an EEO policy externally by informing and discussing it with all recruitment sources; by advertising in news media, specifically including minority news media; and by notifying and discussing it with all subcontractors and suppliers.
7. We shall make specific and constant personal (both written and oral) recruitment efforts directed at all minority organizations, schools with minority students, minority recruitment organizations and minority training organizations, within this subcontractor's area.
8. We shall make specific efforts to encourage present minority employees to recruit their friends and relatives.
9. We shall validate all man specifications, selection requirements, test, etc.
10. We shall make every effort to promote afterschool, summer and vacation employment to minority youth.
11. We shall develop on the job training opportunities and participate and assist in any association or employer group training programs relevant to this subcontractors employee needs consistent with our obligations.
12. We shall continually inventory and evaluate all minority personnel for promotion opportunities and encourage minority employees to seek such opportunities.
13. We shall make sure that seniority practices, job classifications, etc., do not have a discriminatory effect.
14. We shall make certain that all facilities and company activities are non-segregated.
15. We shall continually monitor all personnel activities to ensure that our EEO policy is being carried out.
16. We shall solicit bids for subcontracts, if any, from available minority subcontractors engaged in the trades, including circulation of minority contractor associations.

Sincerely,

Name and Title

CITY OF BOSTON

MINORITY BUSINESS UTILIZATION FORM (MBU-F)

Required% _____

1. Name of Project _____

2. Number of Project _____

3. Total dollar amount of bid _____

4. Minority Business Enterprise Participation _____

a. Name of General Bidder _____

Address _____

Phone(s) _____

b. If the General Bidder is a Minority Business Enterprise check here _____

List below all proposed Minority Business Enterprises (contractors, suppliers, vendors) the services they will provide and the approximate amount of money they will receive.

Name _____

Service or Supplies _____

Address _____

Phone _____

Amounts _____

Name _____

Service or Supplies _____

Address _____

Phone _____

Amounts _____

Name _____

Service or Supplies _____

Address _____

Phone _____

Amounts _____

Total of listed amounts \$ _____
(See attached sheet for additional space)

(over)

I hereby certify that the dollar amount expended of the listed Minority Business Enterprises is at least _____% of the total Contract Price for the above named project, and that the foregoing and attached information is true, accurate and complete to the best of my knowledge.

Authorized signature of General Contractor

(Print the signed name/title)

MINORITY BUSINESS AND GENERAL CONTRACTOR'S LETTER OF INTENT

Project Number: _____

Project Location: _____

Project Amount \$ _____

Name of General Contractor: _____

Name of Minority Business Enterprise: _____

1. The above named Minority Business Enterprise agrees to perform work/supply goods and or services in connection with the above named project and the above named general contractor as:

_____ an individual
_____ a partnership
_____ a corporation
_____ a joint venture

Please attach a copy of the joint venture agreement.
Please attach a copy of all financial agreements between corporate and personal members of the joint venture.

2. (check one)

My minority status is confirmed _____ (a) on the reference list of Minority Business Enterprise made available by the City of Boston, Office of Minority Business Enterprise or _____ (b) by approval of the Office of Minority Business (requires submission of MBU-IS).

3. The above named general contractor and Minority Business Enterprise intend to work together on the above named project in accordance with the terms of the Minority Participation Section of the City of Boston Contract Provision.

Signed General Contractor

Signed Minority Business
Enterprise

Date/Title

Date/Title

CITY OF BOSTON
SUPPLEMENTAL
MINORITY PARTICIPATION AND
RESIDENT PREFERENCE SECTION
TABLE OF CONTENTS

JAN 7 1980

PREFACE 9/15/78	<u>Page</u>
PREFACE 10/15/79	
ARTICLE I: DEFINITIONS	
A. Awarding Authority	1
B. Beneficial Ownership and Control	1
C. Compliance Unit	2
D. Contract Price	2
E. Impacted Areas	2
F. Liaison Committee	2
G. Minority Person	2
H. Minority Business Enterprise	2
I. Office of Minority Business	2
J. Residence	2
ARTICLE II: EEO PROGRAM FOR MINORITIES, FEMALES AND BOSTON RESIDENTS	
A. Anti-Discrimination Affirmative Action	3
B. Workforce Requirements (Labor)	4
C. Training	5
D. General Procedures	5
E. Compliance After Contract Award	7
F. Pre-Construction Conference	9
G. Non-Compliance	9
H. Severability	10
ARTICLE III: MINORITY BUSINESS UTILIZATION (MBU)	
A. Expenditures on Minority Business Enterprises	10
B. General Procedures for Compliance with the Minority Business Utilization Requirements	11
C. Bid Submission Procedures for Compliance with this Section on Minority Business Utilization	12
1. Massachusetts General Laws	12
2. Bid Opening	13
3. Post Bid Opening	13
4. Contract with the Minority Business Enterprise	13
5. Progress Report	13
D. Criteria for Determining Compliance with Bid Submission Procedures	14
1. Access to Information	14
2. Investigation and Review	14
3. Issuance of Determination of Compliance	14
4. General Compliance	15
5. Completion of Forms	15
6. Substitution	15
APPENDIX I Impacted Area Narrative	16
APPENDIX II Impacted Area Map	16
APPENDIX III EEO Compliance Unit Forms	19
APPENDIX IV Minority Business Forms	20

P R E F A C E

Over the past decade, the City of Boston has steadily increased its efforts to improve the social and economic plight of minority persons. In 1968, a tumultuous year in this City as well as the nation, Mayor Kevin H. White established the Office of Human Rights. The goal of this office was to aid in the removal of the barriers of discrimination which had traditionally worked against the attempts of minorities to participate in municipal functions. In 1973, policies were established that gave the Office of Human Rights an even stronger position in meeting the needs and demands of minority persons. These new policies were further reinforced in 1975 with the announcement, by the Mayor, of a stronger policy that gave the Office of Human Rights more leverage in bringing minorities into the mainstream of municipal government.¹ The new policy addressed the problems in the contracting process in the City of Boston. For the first time the City set numerical percentage goals for minorities in its contracting process. This policy also required that minority business receive 50% of the subcontracts for all contracts let in areas where there are high concentration of minority persons, i.e. impacted areas.

Because there was still a need to advance even further toward the goals of minority participation in all areas of municipal government, in 1977 the Office of Human Rights was restructured and called the Human Rights Commission, which serves as an umbrella department for several affirmative action programs, such as the Office of Equal Employment Opportunity Contract Compliance, The Minority Business Office, and the Affirmative Action Office.

During the same period the City's growing efforts to better the social and economic position of minority persons, a number of court cases addressing the problems growing out of the discriminatory practices in an ever growing number of areas, had been decided.

The Boston School Desegregation Case² and the events surrounding the Court order are of course the most illustrative of the racism that permeates our society generally and particularly, the City of Boston. Discriminatory practices were found not only in the school system, but in many other areas including Boston's business community, particularly in the construction industry.³ One can readily see that even with the City's attempts to rid itself of discriminatory practices, there were still many barriers to overcome.

In realization of the long road to the end of discrimination, the City of Boston has attempted to address those discriminatory practices within its control. In addition, City officials have adopted an attitude that allowed them to address those barriers that exist with respect to those businesses that have traditionally done, or will do business with the City. One of the problems had been to develop methods and systems that would work toward the City's goals to bring minorities into those areas that have been traditionally difficult for them to enter.⁴

As the tide of social policies turns to yet another stage, the City of Boston had the advantage of being able to examine the Affirmative Action Programs of the past decade, so that an affirmative action program could be developed that would correct the past imbalances and address the demands of the future.

With respect to increasing access and volume of minority participation in the City's contracting process, the 1975 policies proved ineffective. Research by the Office of Minority Business indicated that minorities have received a miniscule number of contracts under the 1975 minority business policies.⁵ Contractors, for the most part, have ignored the goals of the City for minority participation in the contracting process. Because of deficiencies such as a lack of formal bidding procedures and a lack of a workable enforcement

mechanisms it was obvious that the programs of the past had to be changed, in order to reverse the trend of the City's contractors failing to extend equal opportunities with respect to minority participation in its contracts.

The City of Boston, in light of its failures, has had some successful programs. Affording minorities an opportunity to enter the contracting process had been helped by the Affirmative Action Program for the construction of the Occupational Resource Center. The City of Boston has also been able to move closer to its goals for minority participation in its administration of the Local Public Works Program. This program has brought minorities into the contracting process with a success rate never before achieved, not only in the City of Boston, but around the country as well.⁶ The success of the above stated programs has resulted in the implementation of similar programs and policies contained in the "Supplemental Minority Participation Program" of the City of Boston.

It is the position of the City of Boston that this program will help it to move closer to its goal of removing racial barriers and thus allowing minority participation in the contracting process. This newly designed program established formal bidding procedures and enforcement mechanisms which in light of the City's past experiences should prove to come closer to the City's goal for minority participation in all aspects of municipal government, most particularly its contracting process.

* * *

1. See Mayor Kevin H. White's Press Release 7/31/75 and City of Boston Supplemental Equal Employment Opportunity Anti-Discrimination and Affirmative Action Program Contract Provision

2. Morgan v. Hennigan 375 F.supp. 410 (D.Mass), aff'd sub non.
Morgan v. Hennigan 375 f.2d.580 (1st.Cir.1974), cert.denied 421
U.S. 963 (1975)
3. See e.g. Associated General Contractor of Massachusetts v. Altshuler,
490 F2d 9 (1st.Cir.1973), cert.denied 416 U.S.957 (1974);
Trustee v. Volpe Construction Company, 358 Mass.331. 264 N.E2d G76
(1970); Black Voters v. McDonough 565 F2d (1st.Cir.1977)
4. See Associated General Contractors of Massachusetts v. Altshuler
supra
5. See City of Boston, Minority Business Office, Minority Business
Study, May 1978
6. Western Pennsylvania v. Kreps, 573 F.2d 811 (3d.Cir.1978);
Rhode Island Chapter, Associated General Contractors v. Kreps supra;
Fullilove v. Kreps, 443 F.Supp. 253 (S.D. N.Y. 1977)

* * *

"City of Boston Supplemental Minority Participation Section",
shall be a part of all construction contracts awarded by the City
regardless of funding source. It replaces the "City of Boston
Supplemental Equal Employment Opportunity Anti-Discrimination and
Affirmative Action Program Contract Provision".

Article I contains definitions

Article II is concerned with the percentage of Minority Person
work hours per trade for each Contractor's total workforce and each
subcontractors total workforce.

Article III is concerned with the minimum dollar amounts (in
terms of percentages) to be expended by Contractors on Minority
Business Enterprises to perform work and/or supply goods and services
in accordance with Mayor Kevin H. White's Executive Order entitled
"Encouraging Minority Business Enterprise effective July 1, 1978.

Approved as to form:

by: Julius P. Gleason
Corporation Counsel

[Signature]
Mayor

[Signature]
Director,
Minority Business Office

PREFACE 10/15/79

Pursuant to Mayor Kevin H. White's Executive Order concerning employment of Boston Residents, Minorities and females, effective October 15, 1979, Articles I and II of the "City of Boston Supplemental Minority Participation Section" have been amended. This amended document shall be known as the "City of Boston Supplemental Minority Participation and Resident Preference Section"

Article I contains definitions

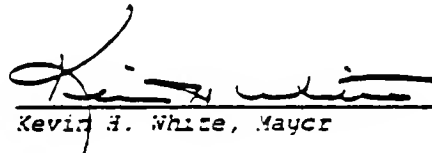
Article II is concerned with the percentage of workhours for Minority Persons, Boston Residents and Females, per trade, for each Contractor(s) and subcontractor(s) respective workforce.

Article III concerning expenditures to Minority Business Enterprises represents no substantive changes in policies established July 1, 1973.

Approved as form:




Acting Corporation Counsel



Kevin H. White, Mayor

Clarence J. Jones, Deputy Mayor



Director, EEO/Contract Compliance

CITY OF BOSTON
SUPPLEMENTAL
MINORITY PARTICIPATION
AND RESIDENT PREFERENCE SECTION

ARTICLE I: DEFINITIONS

For the purpose of this section, the following terms shall mean:

A. Awarding Authority: The officer of the City of Boston awarding the construction contract of which this section is a part.

B. Beneficial Ownership and Control: Ownership of at least 51 per cent of the voting stock or proprietary interest in any corporation, partnership or sole proprietorship. In the case of a joint venture, the Minority Business Enterprise must have a controlling interest in the joint venture in order to have such participation qualify toward meeting the requirements of ARTICLE III. The existence of any agreements, options, rights or conversion or other restraints which may be exercised within three years and which, if exercised, would reduce minority ownership or control to less than the requisite percentage, shall establish that the existing enterprise is not a Minority Business Enterprise.

Beneficial ownership and control shall include but not be limited to the following criteria:

- a. Ownership of each class stock;
- b. Unrestricted voting rights;
- c. Right to receive profits and all other benefits attached to ownership;
- d. Financial agreements between the corporate and personal members of a partnership, joint venture or other form of business;
- e. Minority participation in the management of the enterprise, and

- f. The percentage of work to be performed by the workforce of the minority business enterprise.

C. Compliance Unit: The Equal Employment Opportunity Contract Compliance Unit of the City of Boston Human Rights Commission.

D. Contract Price: The proposed base contract price as submitted by a general bidder at the time stated for the opening bids.

E. Impact Areas: Any area of the City with high concentration of minority residents so designated by the City of Boston; including but not limited to the following areas: Roxbury, North Dorchester, South End, Jamaica Plain and Mattapan. (See Appendix for boundaries and maps).

F. Liaison Committee: A committee to be established by the Compliance Unit to assist in the implementation and compliance with this section.

G. Minority Person: An individual who is Black, Hispanic, Asian or American Indian.

H. Minority Business Enterprise: A business organization in which at least 51% of the beneficial ownership is held by one or more Minority Persons.

I. Office of Minority Business: The Office of Minority Business of the Human Rights Commission of the City of Boston which has primary responsibility for identifying and verifying minority business, monitoring City Departments and contractors for compliance to the City's policy for Minority Business and providing technical assistance to City Departments, contractors and Minority Businesses.

J. Residence: The actual principal residence of the individual

where he or she normally eats and sleeps and maintains his or her normal personal and household effects. Such residence may be established by any method acceptable by the Compliance Unit including but not limited to driver's license utility bills and rent receipts.

ARTICLE II: EQUAL EMPLOYMENT OPPORTUNITY PROGRAM FOR
MINORITIES, FEMALES AND BOSTON RESIDENTS (LABOR)

A. Anti-Discrimination Affirmative Action: During the performance of this contract, the General Contractor shall agree and shall require that his subcontractors agree to the following:

1. In connection with their performance of work under this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, color, religious creed, national origin, age or sex. The aforesaid section shall include but not be limited to, the following: employment upgrading, demotion or transfer, recruitment advertising, recruitment layoff, termination, rates of pay or other forms of compensation, conditions or privileges of employment, and selection for apprenticeship or other training categories.
2. In connection with the performance of work under this contract, the Contractor shall undertake in good faith affirmative action measures designed to eliminate any discriminatory barriers in the terms and conditions of employment on the grounds of race, color, religious creed, national origin, age and sex, and to eliminate and remedy any effects of such discrimination in the past. Such affirmative action shall include positive measures to ensure equal opportunity in the areas of hiring, upgrading, demotion or transfer, recruitment, layoff or termination, rate of compensation and in-service or apprenticeship and other training

programs. Such affirmative action shall include all action required to guarantee equal employment opportunity for all persons, regardless of race, color, religious creed, national origin, age or sex. A purpose of this section is to ensure to the fullest extent possible an adequate supply of skilled trademen for this and future City public construction projects.

B. Workforce Requirements (labor):

1. Minority Workforce: The Contractor and its subcontractors shall maintain a not less than 25% ratio of minority employee manhours to total employee manhours in each trade worked on the contract.

2. Boston Resident Workforce: The Contractor and its subcontractors shall maintain a not less than 50% ratio of Boston Resident employee manhours to total employee manhours in each trade worked on this contract.

3. Female Workforce: The Contractor and its subcontractors shall maintain a not less than 10% ratio of female employee manhours to total employee manhours in each trade worked on this contract.

4. The workforce requirements of paragraphs (1), (2) and (3) above shall apply to each trade that appears on the list of "Classification and Minimum Wage Rates" as determined by the Commissioner of Labor and Industries under the provisions of Chapter 149, Sections 26 through 27G, of the General Laws of Massachusetts, as amended.

5. The Contractor and its subcontractors shall be deemed to be in compliance with paragraphs (1), (2) and (3) above, if said Contractor has complied with Section 3, paragraph 6. and has

demonstrated to the satisfaction of the Compliance Unit and Liaison Committee that said Contractor has taken all reasonable steps to so comply with the provisions of this Article.

C. Training: The Contractor and its subcontractors shall fill not less than 50% of all training categories with Boston Residents, provided that whenever possible a greater percentage of Boston Residents shall be utilized in all training and apprenticeship categories.

D. General Procedures:

1. Pre-Bid Conference: The Awarding Authority in conjunction with the Contract Compliance Unit may conduct at least one pre-bid conference to explain the workforce requirements of this Article. At such conference the Awarding Authority or Contract Compliance Unit shall inform all parties thereto in writing of the names, street addresses, and telephone numbers of all designated job referral agencies.

2. Liaison Committee:

a. There shall be established by the Compliance Unit a body known as the Liaison Committee. This Committee shall be composed of one representative each from the following:

1. The Director of the Compliance Unit
2. City of Boston Minority Business Office
3. City of Boston Employment & Economic Policy Administration
4. City of Boston Office of Federal Relations
5. Association of General Contractor
6. Building Trades Employers Association
7. Building Trades Council
8. Third World Jobs Clearinghouse
9. Contractors Association of Boston

10. Boston Jobs Coalition
 11. Greater Boston Y.W.C.A.
 12. Community Task Force on Construction
 13. Recruitment and Training Program
- b. The Compliance Unit Director or his designee shall chair each meeting. The Chairperson shall vote only in the event of a tie. All other members of the committee shall have one vote. All decisions of the Liaison Committee shall be made by majority vote.
- c. The Contractor, its subcontractors and the Awarding Authority shall recognize the Liaison Committee as an advisory body and consult and cooperate with it on all matters related to Minority Person, Boston Resident and female recruitment, referral, employment, training and on going implementation of and compliance with this Article.
- d. The Liaison Committee shall hold monthly meetings to assure compliance with this Article. Liaison Committee meetings shall be open to the public.
- e. The Liaison Committee shall make recommendations to the Compliance Unit and/or Awarding Authority with respect to necessary actions to assure compliance with this Article.
- f. All information received by the Awarding Authority or Compliance Unit with respect to compliance with the Article shall be made available, to the Liaison Committee, upon request, after 7 days of said request.
- g. No voting representative of the Liaison Committee shall be removed from or added to said committee except by a majority vote of the committee.

E. Compliance After Contract Award

1. The Contractor and its subcontractors shall prepare and submit to the Awarding Authority weekly manpower utilization reports, in a form approved by the Awarding Authority, not later than the Tuesday following each week work is performed. Said report shall include hours worked in each trade and job category by each employee identified as (1) Minority or non-minority; (2) Resident or non-resident; and (3) female or male. Said report shall also include each employee's name, street address and telephone number.

2. Referral orders and records of each Contractor's and subcontractors' attempts to recruit minorities, resident and female employees shall be maintained and made available to the Compliance Unit upon request after 7 days of said request.

3. In the hiring of minorities, residents and females as journeymen, apprentices, advanced trainees, trainees and helpers, the Contractor and its subcontractors may rely on traditional referral methods utilized by the construction industry, and shall also rely on referrals from the Employment and Economic Policy Administration (EEPA) and its designees such as: ABCD, OIC, Third World Jobs Clearinghouse, Boston Jobs Coalition, RTP, YWCA, and other community based organizations as from time to time exist, to provide minority persons, Boston residents, and females. Referrals of Minority Persons, Boston Residents and females will be done via the existing EEPA designed and coordinated city-wide referral mechanisms for jobs in construction as formalized by Third World Jobs Clearinghouse utilizing the aforementioned designees. De-designation of the aforementioned community based referral agencies shall be recommended by EEPA and approved by the Liaison Committee.

4. The Compliance Unit and any so designated representative of the Liaison Committee shall have the right of access to the construction site in order that on-site visits may be conducted.

5. The Contractor and its subcontractors shall provide all information and reports required at the request of either the Awarding Authority or the Compliance Unit and shall permit access to its facilities and any books, records accounts and other source of information which may be determined by the Compliance Unit with respect of the employment of personnel. This paragraph shall apply only to information pertinent to compliance with this Section. Where information required is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so demonstrate to the Compliance Unit and shall set forth what efforts he has made to obtain this information.

6. For any trade described in section (3) (4) above, for which the contractor's or subcontractors' weekly manpower utilization report, paragraph (1) above, indicates the workforce requirements of section (3) (1), (2) and/or (3) were not met, the Contractors and its subcontractors shall submit along with said report a statement setting forth the following information:

- (a) The names of all persons who applied for work in that trade indicating which persons were (1) Minority (2) a Resident and (3) Female.
- (b) The reasons any person identified as (1) Minority (2) Resident or (3) Female was not hired.
- (c) The reasons why any person identified as (1) Minority (2) a Resident or (3) Female, was employed fewer hours than (1) non-minorities, (2) non-residents or (3) male employees.
- (d) All efforts by the Contractor or its subcontractors to effectuate the requirements of Section (b) (1) (2) and (3).

F. Pre-Construction Conference: Prior to the commencement of work for this contract the Awarding Authority in conjunction with the Contract Compliance Unit shall conduct at least one pre-construction conference to explain the workforce requirements of this article. The contractor and its sub-contractors must attend the pre-construction conference and sign a copy of the pre-construction minutes to indicate that he understands the requirements of this article.

G. Non-Compliance:

1. Whenever the Compliance Unit Awarding Authority, or Liaison Committee believes the contractors or its sub-contractors may not be operating in compliance with the terms of this article, the Compliance Unit shall notify the contractor and sub-contractors, conduct an investigation, and shall upon request report the finding of said investigation to the Liaison Committee within seven days after completion of said investigation.

2. In the event that the contractor or any sub-contractor fails or refuses to comply with requirements of this article, the Awarding Authority may upon recommendation of the Compliance Unit or Liaison Committee impose one or more of the following sanctions, as it may deem appropriate to attain full and effective enforcement.

- a. The suspension of any payment or part thereof due or to become due under the contract until such time as the contractor or any sub-contractor is able to demonstrate his compliance with the terms of this contract.
- b. The termination of the contract, in whole or in part, unless the contractor or any sub-contractor is able to demonstrate within a specified time his compliance with

the terms of the contract, or demonstrate that he was and is incapable of having so complied and complying.

- c. The recovery by the Compliance Unit from the general contractor of 1/10th or 1% of the contract award price, in the nature of liquidated damage, or if a sub-contractor is in non-compliance, the recovery by the Compliance Unit from the general contractor, to be assessed by the general contractor as a backcharge against the sub-contractor, 1/10th of 1% of the sub-contractor price, in the nature of liquidated damages, for each week that such party fails or refuses to comply.
- d. The denial to the general contractor or any sub-contractor of the right to participate in any future contracts awarded by the Awarding Authority for a period of up to three (3) years.

If the Awarding Authority does not follow the recommendation of the Liaison Committee or Compliance Unit it shall within 30 days state in writing to the Liaison Committee/Compliance Unit, the reason(s) for not imposing said recommendation.

H. Severability: The provisions of this article are severable, and if any of these provisions shall be held unconstitutional by any court of competent jurisdiction the decision of such court shall not affect or impair any of the remaining provisions.

ARTICLE III: MINORITY BUSINESS UTILIZATION (MBU)

A. Expenditures on Minority Business Enterprises:

1. The amount required to be expended on Minority Business

Enterprise(s) by the general contractor shall be determined in accordance with the City's policy on Minority Business Participation in impacted and non-impacted areas, as defined in Mayor Kevin H. White's Executive Order "Encouraging Minority Business Enterprises", effective July 1, 1978 which states in part:

"At least ten percent of the value of all construction, goods and services procured by the City during each fiscal year will be obtained from Minority Business Enterprises ...

Thirty percent of all construction work to be performed in impacted areas shall be contracted to Minority Business Enterprises".

2. Except as provided in paragraph three below, the general bidder shall expend not less than ____% of its contract price on Minority Business Enterprises for the performance of work and/or the supply of goods and services.

3. The general bidder shall expend not less than \$_____ on Minority Business Enterprise(s) for the performance of work and/or the supply of goods and services.

3. General Procedures for Compliance with the Minority Business Utilization Requirements:

1. A pre-bid conference may be conducted by the Awarding Authority in conjunction with the Office of Minority Business in order to familiarize bidders with the purpose and operation of this Article III on Minority Business Utilization.

2. Any minority business may apply to the Office of Minority Business for a determination and verification of its minority status for the purposes of any contract funded by the City of

which this article is a part. Application shall be made on the attached Minority Business Identification Statement (MBU-ISA).

3. The Office of Minority Business shall prepare and publish from time to time a list of Minority Business Enterprises that conform with the definition of Minority Business Enterprises provided in Article I above. Bidders may rely upon the most current list published by the Office of Minority Business as of the time of project advertisement as a list of bona fide Minority Business Enterprises. The Office of Minority Business may make available to prospective bidders other information regarding Minority Business Enterprises for the purpose of implementing these sections. This section shall not be construed as limiting or in any way confining bidders in seeking out, selecting or otherwise negotiating with Minority Business Enterprises for the purpose of complying with these sections concerning Minority Business Utilization. Bidders may exercise their own judgement in selecting any Minority Business Enterprise to perform any portion of the work or to supply any goods or services. In the event that the bidder selects a minority business that is not included on the aforementioned list supplied by the Office of Minority Business, the minority status of said minority business shall be reviewed by the Office of Minority Business for verification of its minority business status.

C. Bid Submission Procedures for Compliance with this Section on Minority Business Utilization:

1. The bid submission procedures of Article III shall be construed and read in a manner that is not inconsistent with Massachusetts General Laws including but not limited to G.L.C. 149 SS: 44A-44L inclusive and G.L.C.30 SS: 39A-40. Failure to conform with these bid submission procedures shall render a bid non-responsive and thus provide a basis for rejection.

2. Bid Opening: Each bidder shall submit with his bid a completed Minority Business Utilization Form(MBU-F) listing each Minority Business Enterprise the general contractor intends to utilize on the proposed City project.

3. Post Bid Opening: No later than ten(10) working days after the date of General Bid Opening the lowest responsible and eligible general bidder as determined by the Awarding Authority shall submit:

- a. A completed Minority Business Utilization Letter of Intent form(MBU-LI) for each Minority Business listed under item 2 of form (MBU-F).
- b. A completed Minority Business Identification Statement (MBU-IS-A) for each Minority Business Enterprise listed on a bidder's form(MBU-F) and submitted at the time of Bid Opening but is not included in the Minority Business Directory published by the Office of Minority Business.

4. Contract with the Minority Business Enterprise: The bidder shall execute a contract with each Minority Business Enterprise for which he has submitted a form(MBU-F) for the performance of work or the supply of goods or services, except as provided in Section D-6 below. The bidder shall submit a copy of said contract to the Awarding Authority as soon as it is executed. The Awarding Authority may disapprove payment for all work performed on a project until a copy of said contract is submitted.

5. Progress Report: Prior to or at the time the general contractor requests ~~from the~~ Awarding Authority payment pursuant to M.G.L.C.30, S:39G, the general contractor shall submit to the Awarding Authority a Minority Business Utilization Progress Report form(MBU-PR) for each Minority Business Enterprise engaged on the project. A copy of the same shall simultaneously be sent to the

respective Minority Business Enterprise and the Office of Minority Business.

D. Criteria for Determining Compliance with Bid Submission Procedures:

1. Access to Information: The contractor and sub-contractors shall provide all information and reports requested by the Awarding Authority or the Office of Minority Business and will permit access to its facilities and any books, records, accounts with financial institutions, and other sources of information which may be determined by the Authority or Office of Minority Business to be relevant to compliance with the requirements of Article III. Where the information requested is in the exclusive possession of another party who fails or refuses to furnish information, the contractor shall so report to the Office of Minority Business and shall set forth what effort he has made to obtain this information.

2. Investigation and Review: The Office of Minority Business shall designate a Compliance Monitor to investigate and review the compliance of the apparent lowest, responsive and eligible bidder, and/or any other bidder with the requirements of this section. Such investigations shall be conducted separately for each bidder and a final determination of compliance shall be made.

3. Issuance of Determination of Compliance: The Office of Minority Business shall, based on the above investigations, make a final determination as to whether a bidder is in compliance with the Minority Business Utilization requirements of this article. The written determination of the Office shall include facts and reasons as set forth in paragraphs 4 and 5 below, a copy of which shall be sent to the Awarding Authority and the bidder. A contract between the Awarding Authority and the general bidder shall not be executed until a determination that the bidder is in compliance with this

article has been issued to the Awarding Authority by the Office of Minority Business.

4. General Compliance: Before issuing a determination of compliance, as provided in paragraph 3 above, the Office of Minority Business must find that the bidder has complied generally with the requirements set forth in this Article.

A FINDING BY THE OFFICE OF MINORITY BUSINESS THAT A BIDDER HAS FAILED GENERALLY TO COMPLY WITH THE REQUIREMENTS SET FORTH IN ARTICLE III SHALL CONSTITUTE A SEPARATE BASIS FOR REJECTION OF THE BID, BY THE AWARDING AUTHORITY.

5. Completion of Forms: Before issuing a determination of compliance, as provided in paragraph C above, the Awarding Authority shall make a finding that the forms provided for in Article III, C, 2, 3 and 4, above, are materially complete. If the above forms are materially incomplete, the Awarding Authority shall treat the bid informal as to substance and shall issue a determination of non-compliance. If the above forms are incomplete in other respects, the Awarding Authority shall treat the bid as informal and may waive the informalities upon the satisfactory completion of the required information by the bidder and/or the Minority Business Enterprise. A finding of material incompleteness may constitute separate grounds for rejection. The Office in its discretion may revise all MBU forms from time to time in order to efficiently implement this article.

6. Substitution: In the event that a bidder desires to substitute another Minority Business Enterprise for one named in the

form MBU-F, the bidder shall request in writing, authorization to substitute from the Office of Minority Business and send a copy of the same request to the Minority Business named on the form. The request shall set forth facts and reasons for substitution. After investigating the request the Office of Minority Business shall make a determination whether to authorize the request for substitution. The Awarding Authority shall not under any circumstances, authorize a request if the Office of Minority Business determines the purpose of the request is primarily to engage another Minority Business Enterprise at a price lower than the Minority Business Enterprise on form MBU-F submitted at bid, provided that all substitutions shall be made in conformity with Massachusetts General Laws governing such substitutions. The Office of Minority Business shall be responsible for determining whether the suggested substitution is a bona fide Minority Business Enterprise.

APPENDIX I
IMPACTED AREAS

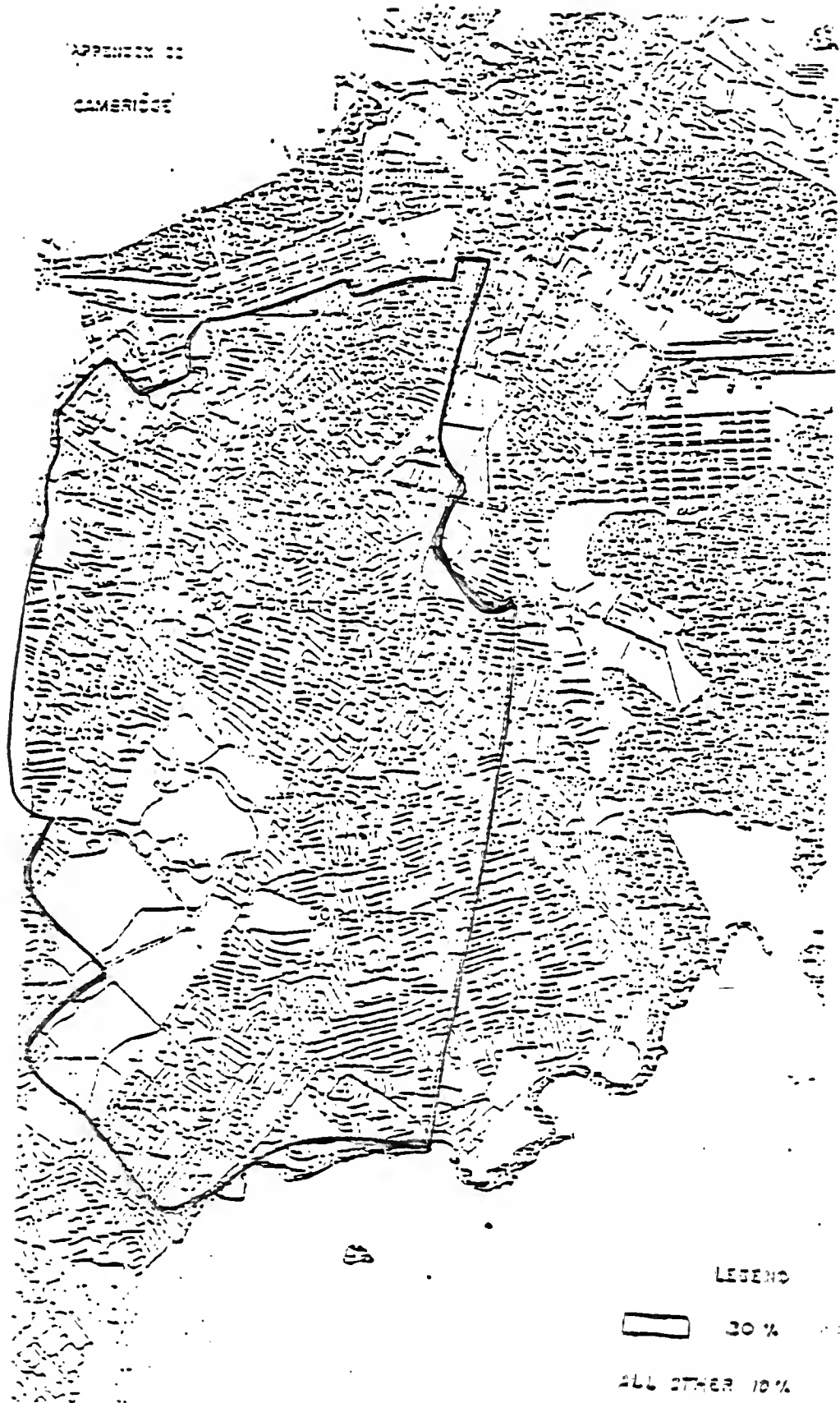
1. As provided in Article III, section A, those areas in which a contractor shall expend (30%) on Minority Business Enterprises are described as the following:

Starting at the intersection of Lincoln Street and Stuart Street northerly along Lincoln Street to Essex Street. Thence southerly along Washington Street to Stuart Street. Thence along Stuart Street to Park Street. From Park Street along Stuart Street to Clarendon Street. Thence northwesterly Boylston Street westerly to the Back Bay Fens Park Drive to the Boston-Brookline Town Line, along the Jamaica Way to Bynner Street, southerly along Center Street South Street to Arborway easterly to Forest Hills Square - Hyde Park Avenue southerly to Walk Hill Street. Walk Hill Street to American Legion Highway southerly to Cummins Highway - Greenfield Street, Rector Road to River Street northeasterly to Mattapan Square northerly along River Street to Ridgeview Avenue northerly to Woodhole Avenue and Morton Street. Thence to Pierce Square. Thence northerly along Dorchester Avenue to Columbia Road. Thence turning westerly to Edward Everett Square and Massachusetts Avenue to Midland Division Rail Road northerly to Fitzgerald Expressway northerly along Expressway to point of origin.

2. Any questions as to whether a specific project or part thereof falls within an impacted areas shall be determined by the Director, Office of Minority Business, Room 401, Boston City Hall, at number 725-3135.

APPENDIX II

CAMERIGEE



Media Utilization Report

ASIAN MIT.

FELONY (CRIMINAL)

MULTIPLE CHOICE QUESTIONS

WEEK OF: _____ TO: _____

Project Name: _____ **Contractor's Name:** _____

[illegible]

Location: _____ Address: _____

Time

Project No. _____ Phone: _____ Trade: _____

11

NAME, ADDRESS, and PHONE
of each Worker:

Miss-	Wage Rate
Officer-	Per Hour
Union	Union Hour
J/r/N/m	Union
	(U) (H)

DAY AND DATE		S	h	T	W	M
Iboms Trucked Fresh Day						

WORK BOOK				
Black	Spanish	Asian	White	Other
Answer	Answer	Answer	Answer	
11	11	11	11	11

APPENDIX-III

TOTALS OF HOURS PER COLUMN

MDR 2-10

Company Official's Signature

Part

APPENDIX IV

Minority Business Utilization Identification Statement(MBU-ISA)

A form made available by the Awarding Authority to be completed and signed by the Minority Business Enterprise and containing certain information with respect to the control and ownership of the Minority Business Enterprise. A copy of this form must be forwarded to the Minority Business Office for verification and filed in the Minority Business Enterprise folder.

Minority Business Utilization Form(MBU-F)

A form made available by the Awarding Authority requesting certain information with respect to work to be performed and goods or services to be supplied by the Minority Business Enterprise. A completed form must be submitted with each general bid, and a copy forwarded to the Minority Business Office.

Minority Business Utilization and General Contractor's Letter of Intent(MBU-LI)

A form made available by the Awarding Authority to be submitted by the lowest bidder no later than ten working days after bid opening. This form is to be signed by both the general contractor and the Minority Business Enterprise and forwarded to the Minority Business Office.

Minority Business Utilization Progress Report(MBU-PR)

A report required to be submitted to the Awarding Authority and forwarded to the Minority Business Office at the time of submitting a request to the Awarding Authority either for a reduction in retaining or final payment for completion of a project. The form will indicate the dollar amount to date remitted to the Minority Business Enterprise. The Minority Business Office will be responsible for verification of the reported dollar amounts.

Final Minority Business Utilization Report(MBU-FPR)

A form made available by the Awarding Authority to be completed by the general contractor upon completion of the project and submitted to the Awarding Authority. The Awarding Authority will forward a copy to the Minority Business Office for verification of final Minority Business Utilization prior to final payment.

CITY OF BOSTON
OFFICE OF MINORITY BUSINESS ENTERPRISE
IDENTIFICATION STATEMENT

Name of Business: _____

Business Address: _____

Business Telephone: _____

Name(s) and Title(s) of persons completing this statement:

Name:

Title:

1. Legal form of the above named business (check one):

- A. _____ Corporation(also, complete item number 11 below)
- B. _____ Sole proprietorship (also,complete item number 14 below)
- C. _____ General partnership (also,complete item number 12 below)
- D. _____ Limited partnership (also,complete item number 13 below)
- E. _____ Joint Venture (attach a copy of the executed joint
venture agreement)
- F. _____ Other (describe): _____

2. State the percentage of ownership by members of minority groups
in the above named business: _____³

For questions 3 through 7 below, identify with an asterisk(*),
those persons who are members of a minority group.

3. If there are any finance (i.e. loan) agreements between the minority and non-minority parties (individuals or businesses) that have an ownership interest in the firm, a copy of such agreements must be submitted with this form.

4. List below the names of all persons who decide the geographical location in which the business will operate:

5. List below the names of all persons who are signatories to the company's performance bonds:

6. A. List below the names of all persons authorized to hire and discharge company employees:

B. Are any of the persons listed in 6(A) authorized to discharge an employee who is a member of a minority group, who also has an ownership interest in the above named business?

_____yes _____no

7. List below the names of all persons who supervise or manage the jobs performed by the above named business:

8. Indicate below the source(s) of capital of the minority business enterprise: sources of capital include, but are not limited to: (a) personal savings; (b) proceed from any sale of real or personal property (if sale was transacted within six months prior to this statement, state date when sales contract was executed); (c) personal loan (if made within six months prior to this statement, state date of transaction and name of lender); (d) institutional loan (if made within six months prior to this statement, state date of transaction and name of institution); (e) gift; and (f) other (specify):

Source(s) of capital (indicate with letter from above)

9. If any of the source(s) listed above in item number 8, were a gift, complete the following (use reverse side of page if needed):

Name of donor: _____

Date of gift: _____

Gift conditions, if any: _____

Was the donor a minority person or minority business?

_____ yes _____ no

10. If any of the source(s) listed above in item number 8, were a personal or institutional loan, complete the following (use reverse side of page if needed):

Name of lender: _____

Date of loan agreement: _____

Was the lender a minority person or minority institution?

_____ yes _____ no.

What are the terms of repayment? _____

11. To be completed by corporations only:

A. Number of shares and class authorized:

Shares authorized:	Class:
_____	_____
_____	_____
_____	_____

B. Number of shares issued as of the date of this statement:

Shares authorized:	Class:
_____	_____
_____	_____
_____	_____

C. List below the names of all shareholders who are members of a minority group and the number of shares and class held by each such shareholder:

Name:	Shares/Class:
_____	_____
_____	_____
_____	_____

D. Describe below the voting powers of each class of stock:

MBU-IS-A

- E. Are there any known agreement(s) among the shareholders which restrict the voting powers of shareholders who are members of minority groups:

_____ yes _____ no

If "yes" is checked, describe below all such restrictions:

- F. Are there any known restrictions to limit the voting rights of members of minority groups, pursuant to the corporation by-law of articles of incorporation or otherwise?

_____ yes _____ no

If "yes" is checked, describe below all such restrictions:

Are shareholders who are members of a minority group aware of the above restrictions that incumber their voting rights?

_____ yes _____ no

- G. List below the names of all members of the Board of Directors. Identify with an asterisk(*) those directors who are members of a minority group.

- H. State the names of all minority persons who are officers of the corporation and their position(s):

- I. Describe and explain any changes in the duties, powers, by-laws, or personnel made during the past six months with respect to principals, officers and directors of the corporation:

12. To be completed by general partnership only:

- A. List below the names of all partners and the amount of each partner's initial investment. Identify with an asterisk(*) those partners who are members of a minority group:

Name:

Amount:

<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

3. If any of the partners obtained their interest within the last six months state the names, date interest was acquired, and purchase price and from whom said interest was acquired:

13. To be completed by limited partnerships only:

- A. List below the names of all the general partnerships and each general partners initial investment. Identify with an asterisk(*) those general partners who are members of a minority group:

MBU-IS-A

- B. List below the names of all the limited partners and each limited partner's initial investment. Identify with an asterisk(*) those limited partners who are members of a minority group:

- C. If a corporation is a general partner, state the percentage of shares in the corporation owned by minority persons:

- D. If any of the general or limited partners obtained their interest within the last six months, state the names, date interest was acquired, purchase price, and from whom said interest was acquired:

14. To be completed by sole proprietorships only:

If title to the business was sold or made a gift to the present owner state:

- A. The date that title was transferred to the present owner:

- B. The name(s) of the previous owner(s) of the business:

- C. The purchase price, if the business was sold \$

15. To be completed by suppliers only:

- A. Does your business stock, on property owned or leased by the business, the goods that you supply to customers?

_____ yes _____ no

If "yes", what is the estimated average value of goods that are stocked during the period of one month? \$ _____

- B. Does your business take ownership title to the goods supplied to customers?

_____ yes _____ no

If "yes", for what period of time is title normally retained?

- C. What are the main line of products supplied by your business?

- D. Does your business insure goods (i.e. for damage, theft, or fire) that are supplied to customers?

_____ yes _____ no

If "yes", describe the type of insurance:

- E. Does your business, normally acquire a performance bond for supply contracts with customers?

_____ yes _____ no

If "yes", what is the capacity of your bonding? \$ _____

- F. In the event of dissatisfaction on the part of a customer, due to untimely delivery, damaged or defective goods, or failure to perform by your business, to whom does the customer have legal recourse?

Your business

Manufacturer

Other (specify)

Explain if customer has legal recourse to more than one party

16. Operational Background:

- A. Equipment (list major pieces of equipment below as indicated):

Equipment:

Model:

Present Value:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

- B. Plant (describe owned or leased warehouse, office and yard below as indicated):

Address

General
Distribution

Sq.Ft.

Present Value
(In the case of
lease, state the
amount of periodic
payment)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(To be completed by contractors only)

**A. List all jobs completed in the past twelve months.
(use additional sheets as necessary)**

[illegible]

B. Trade background (for the principals involved with the business provide the following information or attach resumes):

Name: _____

Construction experience: _____

Licenses: _____

Name: _____

Construction experience: _____

Licenses: _____

Name: _____

Construction experience: _____

Licenses: _____

Name: _____

Construction experience: _____

Licenses: _____

MBU-IS-A

- C. Trade references (sub-contractors of material suppliers that you have now, or have had in the past under contract):

Name: Address: Telephone Number:

- D. Numbers of Employees:

Office: _____

Permanent Supervisors: _____

Average number of workers during the past twelve months:

18. Minority Business Certification by owner(s) or principals:

I hereby certify that _____
(Print full name of business)

is a Minority Business Enterprise as defined below:

- A. Minority Business Enterprise (or minority business) means a business organization which is beneficially owned by one or more minority group members as follows:

1. The business must be at least 51% beneficially owned by minority group members.
2. The minority owners must demonstrate they have control over management.
3. The firm has not been solely established for the purposes of taking advantage of a special program which has been developed to assist minority businesses.

Beneficial ownership and control shall be indicated by at least the following where applicable to the particular form of business organization: ownership of each class of stock; unrestricted voting rights; right to receive profits and all other benefits attached to ownership; and evidence of majority participation in the management of the enterprise.

The Office of Minority Business reserves the right to deem the existence of any agreements, options, rights of conversion or other restraints which may be exercised within three years and which, if exercised, could reduce minority ownership or control to less than the requisite percentage to be grounds for rejection of the existing enterprise as a minority business enterprise.

- B. Minority group member means a person with a permanent residence in the United States who is Aleut, Asian (including the Continent of India), Black, Cape Verdean, Eskimo, North American Indian, Pacific Islander or Western Hemisphere Hispanic.

Under the pains and penalties to perjury the above information contained in this Identification Statement is true, complete and accurate.

Sign: _____

Print: _____

Title: _____

Date: _____

CITY OF BOSTON
MINORITY BUSINESS UTILIZATION FORM (MBU-F)

Name of Project: _____

Number of Project: _____

Total dollar amount of bid: _____

Minority Business Enterprise Participation: _____

(a) Name of General Bidder: _____

Address: _____

Telephone Number: _____

(b) If the General Bidder is a Minority Business Enterprise
check here: _____

List below all proposed Minority Business Enterprises
(contractors, suppliers, vendors) the services they will
provide and the approximate amount of money they will
receive:

Name: _____	Service or Supplies
Address: _____	_____
_____	_____
Telephone # _____	Amounts \$ _____

Name: _____	Service or Supplies
Address: _____	_____
_____	_____
Telephone # _____	Amounts \$ _____

Name: _____	Service or Supplies
Address: _____	_____
_____	_____
Telephone # _____	Amounts \$ _____

MBU-F

Name: _____

Service or Supplies

Address: _____

Telephone # _____

Amounts \$ _____

Name: _____

Service or Supplies

Address: _____

Telephone # _____

Amounts \$ _____

Name: _____

Service or Supplies

Address: _____

Telephone # _____

Amounts \$ _____

Name: _____

Service or Supplies

Address: _____

Telephone # _____

Amounts \$ _____

Total of listed amounts \$ _____

MBU-F

I hereby certify that the dollar amount expended of the listed Minority Business Enterprises is at least _____% of the total contract price for the above named project, and that the foregoing and attached information is true, accurate and complete to the best of my knowledge.

Authorized signature of
General Contractor

(Print the signed name/title)

CITY OF BOSTON
MINORITY BUSINESS AND GENERAL CONTRACTOR'S
LETTER OF INTENT (MBU-LI)

Project Number: _____

Project Location: _____

Project Amount \$ _____

(a) Name of General Contractor: _____

(b) Name of Minority Business Enterprise: _____

1. The above named Minority Business Enterprise agrees to perform work/supply goods and or services in connection with the above named project and the above named general contractor as:

- (a) _____ An individual
(b) _____ A partnership
(c) _____ A corporation
(d) _____ A joint venture

Please attach a copy of the joint venture agreement.
Please attach a copy of all financial agreements between corporate and personal members of the joint venture.

2. (Check one) My minority status is confirmed:

- (a) _____ On the reference list of Minority Business Enterprise made available by the City of Boston, Office of Minority Business Enterprise.
(b) _____ By approval of the Office of Minority Business (requires submission of MBU-IS).

3. The above named general contractor and Minority Business Enterprise intend to work together on the above named project in accordance with terms of the Minority Participation Section of the City of Boston Contract Provision.

MBU-LI

Signed General Contractor

Signed Minority Business
Enterprise

Date/Title

Date/Title

CITY OF BOSTON
MINORITY BUSINESS UTILIZATION
PROGRESS REPORT (MBU-PR)

Project Number: _____

Project Location: _____

Date: _____

(a) Name of General Contractor: _____

(b) Name of Minority Business Enterprise: _____

This progress report is to be submitted to the Awarding Authority - at the time of submitting a request for payment. Copies of the report must be sent to the Minority Business Enterprise named above and the Office of Minority Business. (See Article III Paragraph C-5 of the Contract Provision for Minority Participation for details).

1. The dollar amount indicated _____ on the Minority Business Utilization form (MBU-F) to be received by the above named Minority Business Enterprise.

\$ _____

2. The amount remitted to the Minority Business Enterprise as of the above date for work performed under this project.

\$ _____

3. Balance due the Minority Business Enterprise as of the above date for work performed under the above named project.

\$ _____

4. Comments or explanation for any discrepancies between the amounts indicated under items 1 and 2 above:

MBU-PR

5. I hereby certify that the information supplied herein
(including pages attached) is correct and complete.

Signed: _____

Print: _____

Date: _____

CITY OF BOSTON
FINAL MINORITY BUSINESS UTILIZATION REPORT
(MBU-FPR)

Project Name: _____

Project Number: _____

Bid Price: _____

Percentage or amount of Minority Business Participation: _____

1. General Contractor Information.

(a) Name of General Contractor: _____

(b) Address: _____

(c) Telephone # _____

2. Minority Business Information.

(a) Name of Minority Business Enterprise: _____

(b) Address: _____

(c) Telephone # _____

Please state the total dollar amount received by the Minority Business Enterprise on the above named project: \$ _____

3. I hereby certify that the above listed amount is correct and accurate to the best of my knowledge.

Signed: _____

Title: _____

Date: _____

EXAMPLE FOR WRITE-UP FOR CITY RECORD

NO BID FOR THE AWARD OF THIS PROJECT WILL BE CONSIDERED ACCEPTABLE UNLESS THE GENERAL CONTRACTOR COMPLIES FULLY WITH THE FOLLOWING REQUIREMENTS FOR MINORITY BUSINESS ENTERPRISE UTILIZATION.

PURSUANT TO THE SUPPLEMENTAL MINORITY PARTICIPATION AND RESIDENT PREFERENCE SECTION OF THIS CONTRACT, THE GENERAL CONTRACTOR MUST GIVE SATISFACTORY ASSURANCE THAT AT LEAST _____% OF HIS BID PRICE SHALL BE EXPENDED FOR MINORITY BUSINESS ENTERPRISE. FOR THE PURPOSES OF THIS PARAGRAPH, THE TERM MINORITY BUSINESS ENTERPRISE MEANS A BUSINESS ORGANIZATION IN WHICH 51% OF THE BENEFICIAL OWNERSHIP AND CONTROL IS HELD BY ONE OR MORE MINORITY PERSONS (BLACK, HISPANIC, ASIAN-AMERICAN OR AMERICAN INDIANS).

INCLUDED WITH THE CONTRACT DOCUMENTS ARE COPIES OF THE "MINORITY BUSINESS UTILIZATION FORM", "MINORITY BUSINESS IDENTIFICATION STATEMENT", "MINORITY BUSINESS UTILIZATION PROGRESS REPORT" AND THE "MINORITY BUSINESS AND THE GENERAL CONTRACTOR'S LETTER OF INTENT".

EACH GENERAL CONTRACTOR MUST COMPLETE, SIGN AND FILE WITH HIS BID THE MINORITY BUSINESS UTILIZATION FORM. FAILURE TO DO SO WILL RESULT IN THE REJECTION OF THE BID PROPOSAL. THE LOWEST RESPONSIVE AND ELIGIBLE BIDDER IS REQUIRED TO SUBMIT A MINORITY BUSINESS AND GENERAL CONTRACTOR'S LETTER OF INTENT. THE LETTER OF INTENT SHALL BE COMPLETED AND SIGNED BY THE MINORITY BUSINESS ENTERPRISE AND THE GENERAL CONTRACTOR NO LATER THAN (10) TEN WORKING DAYS AFTER GENERAL BID OPENING. THE LOWEST BIDDER MUST ALSO SUBMIT A MINORITY BUSINESS IDENTIFICATION STATEMENT FOR EACH MINORITY BUSINESS NOT INCLUDED ON THE CITY OF BOSTON MINORITY BUSINESS DIRECTORY.

ALL CONTRACTORS SHALL ALSO AVAIL THEMSELVES OF THE CITY OF BOSTON MINORITY BUSINESS DIRECTORY PUBLISHED BY THE CITY THROUGH THE OFFICE OF MINORITY BUSINESS TO FACILITATE COMPLIANCE WITH THESE REQUIREMENTS.

THE MINORITY BUSINESS OFFICE IS LOCATED IN ROOM 401 CITY HALL, BOSTON, MASSACHUSETTS 02201, TELEPHONE NUMBER 725-3135 or 6.

CITY OF BOSTON
SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY ANTI-DISCRIMINATION
AND AFFIRMATIVE ACTION PROGRAM CONTRACT PROVISION

- I. For purposes of this Contract, including, but not limited to, the affirmative action scope of work, indemnification, liability, and/or amending clauses, as each pertains to the fulfillment of the Affirmative Action goals and requirements of the City of Boston, hereinafter referred to as the City, "Minority" refers to all persons who are either Black, Spanish American Surnamed, Oriental, American Indian and/or Women. Also, "Compliance Unit" refers to the City's Contract Compliance Unit of the Affirmative Action Office.
- II. During the performance of this Contract, the Contractor and all subcontractors, hereinafter collectively referred to as the Contractor, for (her) himself, his/her designee, assignee, and/or successors in interest, agree as follows:
 1. In connection with the performance of work under this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, religious creed, National origin, age or sex. The aforesaid provision shall include, but not be limited to, the following: employment upgrading, demotion, or transfer, recruitment advertising, recruitment, layoff, termination, rates of pay or other privileges of employment, and/or selection for apprenticeship. The Contractor shall post hereinafter in conspicuous places, available for employees and applicants for employment, notices

City of Boston's Amended Affirmative Action Plan, a not less than thirty per cent (30%) ratio of minority employee man hours to total employee man hours in each job category, including but not limited to, bricklayers, carpenters, cement masons, electricians, ironworkers, operating engineers, and other classes of work designated by the Mayor's Office for Affirmative Action. In all other areas of the City of Boston a not less than ten per cent (10%) ratio of minority employee man hours to total employee man hours in each job category, including but not limited to, bricklayers, carpenters cement masons, electricians, ironworkers, operating engineers, and other classes of work designated by the Mayor's Office for Affirmative Action.

2. If, at any time, the Contractor intends to sublet a portion or portions of the work under a Contract, including any "specialty items" which may be included as part thereof, said Contractor shall:
 - A. contact qualified minority contractors and grant to such contractors at least equal consideration with non-minority contractors in any negotiations for subcontracts under this Contract, whether such negotiations occur prior to or after the award and execution of this Contract;
 - B. where the project is to be performed in the impacted area, (described in Section III, No. 1 above), the contractor will execute with qualified minority contractors,

establish a continuing working relationship with the Liaison Committee, consulting with the Liaison Committee on all matters related to minority recruitment, referral, employment and training.

3. The Contractor shall prepare projected manning tables on a quarterly basis. These shall be broken down into projections, by week, of workers required in each trade. Copies shall be furnished one week in advance of the commencement of the period covered, and also when up-dated, to the Compliance Unit and Liaison Committee.
 4. Records of employment referral orders, prepared by the Contractor, shall be made available to the Compliance Unit and to the Liaison Committee on request.
 5. The Contractor shall prepare weekly reports in a form approved by the Compliance Unit of hours worked in each trade by each employee, identified as minority or non-minority, male or female. Copies of these shall be provided at the end of each such week to the Compliance Unit and to the Liaison Committee.
- V. In the employment of journeymen, apprentices, trainees and advanced trainees, the Contractor shall give preference, first, to citizens of the City of Boston who are qualified to perform the work to which the employment relates, and, secondly, to citizens of the Commonwealth generally, and, if such cannot be obtained in sufficient numbers, then to citizens of the United States. Contractors shall be as part of the bidding process and where requested by the

IX. Compliance-Information, Reports and Sanctions

1. The Contractor will provide all information and reports required by the Contracting Department or the Compliance Unit on instructions issued by either of them and will permit access to its facilities and any books, records, accounts and other sources of information which may be determined by the Compliance Unit to affect the employment of personnel. This provision shall apply only to information pertinent to the City's Supplementary Affirmative Action Contract Requirements. Where information required is the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the Contracting Department or the Compliance Unit as appropriate and shall set forth what efforts he/she has made to obtain the information.
2. Whenever the Contracting Department, the Compliance Unit, or the Liaison Committee believes the General Contractor or any Subcontractor may not be operating in compliance with the terms of this Section, the Compliance Unit directly, or through its designated agent, shall conduct an appropriate investigation, and may confer with the parties, to determine if such Contractor is operating in compliance with the terms of this Section. If the Compliance Unit or its agent finds the General Contractor or any subcontractor not in compliance, it shall make a preliminary report of non-compliance, and notify such Contractor in writing of such steps as will, in the judgement of the Compliance Unit for its agent, bring such Contractor into

(d) The denial to the General Contractor or any Subcontractor of the right to participate in any future contracts awarded by the administering agency for a period of up to three years.

3. If at any time after the imposition of one or more of the above sanctions a Contractor is able to demonstrate that he/she is in compliance with this Section, he/she may request the Contracting Department, in consultation with the Compliance Unit, to suspend the sanctions conditionally, pending a final determination by the Compliance Unit as to whether the Contractor is in compliance. Upon final determination of the Compliance Unit, the Unit shall either lift the sanctions or reimpose them.
4. Sanctions enumerated under Sections IX-2 shall not be imposed by the Compliance Unit except after a public hearing, as that term is used in the Amended Affirmative Action Program Policy, has been conducted. No investigation by the Compliance Unit or its agent shall be initiated without prior notice to the Contractor.

X. Severability

The provisions of this section are severable, and if any of these provisions shall be held unconstitutional by any court of competent jurisdiction, the decision of such court shall not affect or impair any of the remaining provisions.

Revised December 2, 1975

THE COMMONWEALTH OF MASSACHUSETTS

SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY
ANTI-DISCRIMINATION AND AFFIRMATIVE ACTION PROGRAM

- I. For purposes of this contract, "minority" refers to Asian-Americans, Blacks, Spanish Surnamed Americans, North American Indians, and Cape Verdeans. "Authority" refers to the Boston Redevelopment Authority.
- II. During the performance of this contract, the Contractor and all of (his/her) Subcontractors (hereinafter collectively referred to as the Contractor), for himself/herself, his/her assignees, and successors in interest, agree as follows:
 1. In connection with the performance of work under this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, color, religious creed, national origin, age or sex. The aforesaid provision shall include, but not be limited to, the following: employment upgrading, demotion, or transfer; recruitment advertising; recruitment layoff; termination; rates of pay or other forms of compensation; conditions or privileges of employment; and selection for apprenticeship. The Contractor shall post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by Commission setting forth the provisions of the Fair Employment Practices Law of the Commonwealth (M.G.L. Chapter 151B).
 2. In connection with the performance of work under this contract, the Contractor, shall undertake in good faith affirmative action measures designed to eliminate any discriminatory barriers in the terms and conditions of employment on the grounds of race, color, religious creed, national origin, age or sex, and to eliminate and remedy any effects of such discrimination in the past. Such affirmative action shall entail positive and aggressive measures to ensure equal opportunity in the areas of hiring, upgrading, demotion or transfer, recruitment, layoff or termination, rate or compensation, and in-service or apprenticeship training programs. This affirmative action shall include all action required to guarantee equal employment opportunity for all persons, regardless of race, color, religious creed, national origin, age, or sex. A purpose of the provision is to ensure to the fullest extent possible an adequate supply of skilled tradesmen for this and future Commonwealth public construction projects.
- III. 1. As part of his/her obligation of remedial action under the foregoing section, the Contractor shall maintain on this project a not less than 12.70 percent ratio of minority employee man hours to total man hours in each job category including but not limited to bricklayers, carpenters, cement masons, electricians, ironworkers, operating engineers, and those "classes of work" enumerated in Section 44C of Chapter 149 of the Massachusetts General Laws.

2. In the hiring of minority journeymen, apprentices, trainees, and advanced trainees, the Contractor shall rely on referrals from a multi-employer affirmative action program approved by the Authority, traditional referral methods utilized by the construction industry, and referrals from agencies, not more than three in number at any one time, designated by the Liaison Committee or the Authority.

- IV. 1. At the discretion of the Authority there may be established for the life of this contract a body to be known as the Liaison Committee. The Liaison Committee shall be composed of one representative each from the agency or agencies administering this project, hereinafter called the administering agency, the Authority and such other representatives as may be designated by the Authority in conjunction with the administering agency.
 2. The Contractor (or his agent, if any, designated by him as the on-site equal employment opportunity officer) shall recognize the Liaison Committee as an affirmative action body, and shall establish a continuing working relationship with the Liaison Committee, consulting with the Liaison Committee on all matters related to minority recruitment, referral, employment and training.
 3. The Contractor shall prepare projected manning tables on a quarterly basis. These shall be broken down into projections, by week, or workers required in each trade. Copies shall be furnished one week in advance of the commencement of the period covered, and also when updated, to the Authority and Liaison Committee.
 4. Records of employment referral orders, prepared by the Contractor, shall be made available to the Authority and to the Liaison Committee on request.
 5. The Contractor shall prepare weekly reports in a form approved by the Authority of hours worked in each trade by each employee, identified as minority or non-minority. Copies of these shall be provided at the end of each such week to the Authority and to the Liaison Committee.
- V. If the Contractor shall use any subcontractor on any work performed under this contract, he shall take affirmative action to negotiate with qualified minority subcontractors. This affirmative action shall cover both pre-bid and post-bid periods. It shall include notification to the Office of Minority Business Assistance (within the Executive Office of Communities and Development or its designee, while bids are in preparation, of all products, work or services for which the Contractor intends to negotiate bids.

- VI. In the employment of journeymen, apprentices, trainees and advanced trainees, the Contractor shall give preference, first, to citizens of the Commonwealth who have served in the armed forces of the United States in time of war and have been honorably discharged therefrom or released from active duty therein, and who are qualified to perform the work to which the employment relates, and, secondly, to citizens of the Commonwealth generally, and, if such cannot be obtained in sufficient numbers, then to citizens of the United States.
- VII. A designee of the Authority and a designee of the Liaison Committee shall each have right of access to the construction site.

VIII. Compliance with Requirements

The Contractor shall comply with the provisions of Executive Order No. 74, as amended by Executive Order No. 116 dated May 1, 1975, and the Chapter 151B as amended, of the Massachusetts General Laws, both of which are herein incorporated by reference and made a part of this contract.

IX. Non-Discrimination

The Contractor, in the performance of all work after award, and prior to completion of the contract work, will not discriminate on grounds of race, color, religious creed, national origin, age or sex in employment practices, in the selection or retention of subcontractors, or in the procurement of materials and rentals of equipment.

X. Solicitations for Sub-Contracts, and for the Procurement of Materials and Equipment

In all solicitations either by competitive bidding or negotiation made by the Contractor either for work to be performed under a subcontract or for the procurement of materials or equipment, each potential subcontractor or supplier shall be notified in writing by the Contractor of the Contractor's obligations under this contract relative to non-discrimination and affirmative action.

XI. Compliance-Information, Reports and Sanctions

1. The Contractor will provide all information and reports required by the administering agency or the Authority on instructions issued by either of them and will permit access to its facilities and any books, records, accounts and other sources of information which may be determined by the Authority to affect the employment personnel. This provision shall apply only to information pertinent to the Commonwealth supplementary affirmative action contract requirements. Where information required is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the administering agency or the Authority as appropriate and shall set forth what efforts he has made to obtain the information.

2. Whenever the administering agency, the Authority, or the Liaison Committee believes the General Contractor or any Subcontractor may not be operating in compliance with the terms of this Section, the Authority directly, or through its designated agent, shall conduct and appropriate investigation, and may confer with the parties, to determine if such Contractor is operating in compliance with the terms of this Section. If the Authority or its agent finds the General Contractor or any sub-contractor not in compliance, it shall make a preliminary report on non-compliance, and notify such Contractor in writing of such steps as will in the judgement of the Authority or its agent bring such Contractor into compliance. In the event that such Contractor fails or refuses to fully perform such steps, the Authority shall make a final report of non-compliance, and recommend to the administering agency the imposition of one or more of the sanctions listed below. If, however, the Authority believes the General Contractor or any Subcontractor has taken or is taking every possible measure to achieve compliance, it shall not make a final report of non-compliance. Within fourteen days of the receipt of the recommendations of the Authority, the administering agency shall move to impose one or more of the following sanctions, as it may deem appropriate to attain full and effective enforcement:
 - a. The recovery by the administering agency from the General Contractor of 1/100 of 1% of the contract award price or \$1,000 whichever sum is greater, in the nature of liquidated damages or, if a Subcontractor is in non-compliance, the recovery by the administering agency from the General Contractor, to be assessed by the General Contractor as a back charge against the Subcontractor, or 1/10 of 1% of the subcontract price, or \$400 whichever sum is greater, in the nature of liquidated damages, for each week that such party fails or refuses to comply;
 - b. The suspension of any payment or part thereof due under the contract until such time as the General Contractor or any Subcontractor is able to demonstrate his compliance with the terms of the contract;
 - c. The termination, or cancellation, of the contract, in whole or in part, unless the General Contractor or any Subcontractor is able to demonstrate with a specified time his/her compliance with the terms of the contract;
 - d. The denial to the General Contractor or any Subcontractor of the right to participate in any future contracts awarded by the administering agency for a period of up to three years.

3. If at any time after the imposition of one or more of the above sanctions a Contractor is able to demonstrate that he is in compliance with this Section, he may request the administering agency, in consultation with the Authority, to suspend the sanctions conditionally, pending a final determination by the Authority as to whether the Contractor is in compliance. Upon final determination of the Authority, the administering agency, based on the recommendation of the Authority, shall either lift the sanctions or reimpose them.
4. Sanctions enumerated under Section XI shall not be imposed by the administering agency except after an adjudicatory proceeding, as that term is used M.G.L. c. 30A, has been conducted. No investigation by the Authority or its agent shall be initiated without prior notice to the Contractor.

XII. Severability

The provisions of this section are severable, and if any of these provisions shall be held unconstitutional by any court of competent jurisdiction, the decision of such court shall not affect or impair any of the remaining provisions.

MINIMUM MINORITY PERCENTAGES TO BE APPLIED TO
STATE AND STATE ASSISTED CONTRACTS
WITHIN THE COMMONWEALTH OF MASSACHUSETTS

The following percentages shall apply:		<u>No Less Than</u>
Boston:	Impact Area (Jamaica Plain (part), Mattapan, South Cove, Chinatown, Bay Village, Roxbury, Dorchester, South End)	30%
	Others	10%
Cambridge		12%
New Bedford		18%
Springfield		10%
All other cities and towns		5%

-193-
BOSTON REDEVELOPMENT AUTHORITY
EQUAL OPPORTUNITY COMPLIANCE POLICY

June 12, 1975

To assure execution of Affirmative Action to provide equal employment opportunity and prevent discrimination regardless of race, sex, religion, color or national origin, in accordance with Executive Order of the President No. 11246, as amended by 11375, the Boston Redevelopment Authority establishes the following policies, practices and procedures for the selection of contractors and subcontractors, site preparation, demolition, rehabilitation construction, service contracts and redevelopment programs under the Authority's jurisdiction and control:

1. Every proposed contract to which the Authority is a party for professional or technical services, including those for planning, design, engineering and appraisal work shall be submitted to the Contract Compliance Officer for Equal Opportunity, hereinafter referred to as "Compliance Officer." The Authority whenever possible will solicit minority contractors to submit bids and proposals for any of the above-mentioned contracts. The Authority will propose co-venturing and joint venturing with minority contractors whenever possible. If the proposed firm has dealt previously with the Authority, the Compliance Officer will review the record of its affirmative action programs for the employment of minorities. No contract shall be submitted for the Authority's approval until a written evaluation of these employment practices has been prepared by the Compliance Officer. The Contract Compliance Officer may recommend to the Director of the Authority that any proposed contractor with the Authority comply with such of the following requirements of this Equal Opportunity Compliance Policy, as the Director of the Authority may deem appropriate.

II. Prior to the conveyance of any real property, there must be submitted, together with the developer's form of construction contract, before said contract is executed, a "Plan of Affirmative Action for Equal Opportunity" prepared by the proposed contractor containing the following information:

1. A statement of contractor's current policy with respect to equal opportunity; a description of how this policy is implemented and the extent of the contractor's achievement in the employment of minorities.

2. A statement of the contractor's goal to utilize an adequate representation of minority subcontractors on this project.

3. Identification of the goals which the contractor has established for the employment of minority groups on the project, and of the affirmative action which he will take to insure or facilitate their employment, including:

- a. Professional, technical and clerical personnel;
- b. Field and/or construction personnel;

- c. Employees of subcontractors;
- d. Employees of suppliers; and
- e. Apprenticeship and upgrading.

4. An estimate of the anticipated total minority employment by category and trade.

5. One copy of each pertinent Union Collective Bargaining Agreement.

6. A statement of the contractor's anticipated plan for affirmative action for equal opportunity in connection with any contemplated co-venture or joint venture.

7. A letter of intent between the developer and the contractor, in form acceptable to the Authority, requiring the contractor to perform in accordance with this Equal Opportunity Compliance Policy and under the Land Disposition Agreement between the Authority and the developer, and further requiring the contractor to insert a complete text of the non-discrimination clause of Section 202, 1 through 7 of the President's Executive Order No. 11246 in every contract, subcontract and purchase order, and an executed copy of the Bid Conditions Certificates. Said section 202 is hereby incorporated and made a part of this Equal Opportunity Compliance Policy by reference.

8. Evidence that the contractor will require the submission of such a Plan for Affirmative Action by proposed subcontractors and will await review of each such plan by the Compliance Officer prior to the execution of the subcontract.

After the contractor has submitted its Plan for Affirmative Action, and prior to execution of the construction contract and subcontracts:

1. The developer and his proposed prime contractor and subcontractor will request the Compliance Officer to hold a pre-award conference. No work shall be performed nor contracts executed with the prime or the subcontractors until the developer or the contractor has been notified in writing of the Contract Compliance Officers approval. At the pre-award conference(s) the contractors will be examined to determine their compliance posture and guided in such revisions and improvements in its Plan for Affirmative Action and equal opportunities as the Contract Compliance Officer may deem appropriate. At all pre-award meetings the Compliance Officer will urge utilization of minority subcontractors. The developer shall be recommended to the Authority as being in breach of the Land Disposition Agreement for failure by any of the parties to comply with above revisions.

2. The Contract Compliance Officer shall investigate the proposed contractor's prior records in Affirmative Action for Equal Opportunity and submit findings in writing to the Director of the Authority, together with a written evaluation of the proposed prime contractor's Plan for Affirmative Action.

3. No approval will be given by the Director with respect to a proposed construction contractor or subcontractor until the written recommendations of the Contract Compliance Officer have been considered.

III. The Authority's closing attorney at the request of the Contract Compliance Officer will arrange a pre-closing conference with the developer and the approved contractor and approved subcontractors. The conference will be attended by the closing attorney and the Contract Compliance Officer, with representation from the HUD regional office where required. The following matters will be discussed at the conference:

1. The prime contractor's responsibility for following up on affirmative action by subcontractors.
2. Instructions to the contractor for maintenance on the site of a daily report on employment showing total number and non-whites employed by trade, and for the submission of bi-monthly labor reports to the Contract Compliance Officer.
3. Instructions to the contractor for providing each of his subcontractors with the required forms for public posting.
4. Instructions to the contractor for notifying all unions of equal opportunity requirements of his contract.
5. Contractor's responsibility for recruitment efforts in the utilization of minority group subcontractors.
6. Other aspects of affirmative action including apprenticeship and other training programs.
7. BRA procedure for insuring and facilitating affirmative action.
8. Urge representative use of minority subcontractors.
9. Advise the contractor to appoint a responsible officer of his organization as Equal Opportunity Officer for this project.

Any contractor who is a participant, in or is a member of an organization or association which participates in, an area-wide equal employment opportunity program (Boston Plan) which is approved by the Department of Housing and Urban Development and the Office of Federal Contract Compliance for the purpose of effectuating the goals of Executive Order 11246, shall be exempt from the requirement of developing and maintaining a written affirmative action program.

IV. A. The Contract Compliance Officer will furnish the Director with bi-monthly reports on the progress of the equal opportunity program development. Where indicated the Contract Compliance Officer will:

1. Discuss failures to comply with the developer and the contractor.

2. Undertake on-site review of employment.

3. Recommend appropriate action to insure compliance with these policies and procedures.

B. In any case in which a contractor or subcontractor fails to adhere to the provisions of this Equal Opportunity Compliance Policy or its Plan for Affirmative Action, or fails to make every positive and acceptable effort to do so, the developer shall be recommended to the Authority as being in breach of the Land Disposition Agreement. The Director will notify any such developer and will exercise whatever sanctions necessary to effect compliance. The contractor and/or sub-contractor may be declared ineligible by the Authority for further approval for work on Government contracts, Urban Renewal Parcels and Federally-Assisted construction contracts.

SPECIAL CONDITIONS

SPECIAL CONDITIONS FOR CONTRACT FOR HISTORIC RESTORATION WORK

EDWARD EVERETT HALE HOUSE
12 MORLEY STREET

PROJECT SITE

The Project Site is in the Kittredge Square Urban Renewal Area, Project Mass. R-167.

GENERAL DESCRIPTION OF WORK

1. The work to be done under the contract include the complete restoration of the exterior of the structure; rebuilding some components, replacing others, and restoring other sections of the facade and trim, in place.
2. The work shall be performed as described herein together with all incidental work outlined in the specifications, or obviously implied and necessary to complete the work in full accordance with these Specifications and other Contract Documents, City Building Codes and regulations, and the directions of the Authority.
3. The work shall include furnishing all labor, tools, supplies materials, and equipment; shoring as required by existing conditions; construction as indicated or required and directed; protecting existing, structures, properties and utilities, cleaning up the site, and performing any and all other miscellaneous items required to complete the work in its entirety; all under the supervision of the Authority or their duly authorized representatives.

TIME FOR COMPLETION AND SEQUENCE OF WORK

1. The work which the Contractor is required to perform under this Contract shall be commenced at the time stipulated by the Authority in the Notice to Proceed to the Contractor and shall be fully completed within 180 days thereafter. The Contractor shall employ sufficient equipment and workmen to complete the construction as expeditiously as possible as directed by the Chief of Rehab of the Authority. If, in the opinion of the Authority, the progress of the work the Contractor does not, at any time, clearly demonstrate that completion of the installations will meet with the approval of the Authority, the Authority reserves the right to require the Contractor to employ such additional equipment and workmen as required, and to work overtime hours to assure completion dates, all without additional cost to the Authority.

TIME FOR COMPLETION AND SEQUENCE OF WORK (Continued)

2. Any dates set by the City of Boston for termination of work on a seasonal basis or because of unfavorable weather will not apply to this Contract so that the work may be completed as expeditiously as possible.

LIQUIDATED DAMAGES

1. As actual damages for any delay in completion of the work which the Contractor is required to perform under this Contract are impossible of determination, the Contractor and his Sureties shall be liable for and shall pay to the Authority the sum of One Hundred Dollars (\$100) as fixed, agreed and liquidated damages for each calendar day of delay from the date stipulated for completion, or as modified in accordance with Section 109.0 - CHANGES IN THE WORK under General Conditions, PART I, until such work is satisfactorily completed and accepted.

RESPONSIBILITIES OF CONTRACTOR

1. Except as otherwise specifically stated in the Contract Documents, and Technical Specification, the Contractor shall provide and pay for all materials, tools, labor, equipment, water, light, heat, power, transportation, superintendence, temporary construction of every nature, charges, levies, fees or other expenses, and all other services and facilities of every nature whatsoever necessary for the performance of the Contract and to deliver all improvements embraced in this Contract for Emergency Repairs, complete in every respect within the specified time.

2. The Authority shall be in receipt of a certificate from each manufacturer verifying conformance to the specifications and warranting the quality of all equipment and materials prior to their use by the Contractor.

3. The Contractor shall verify dimensions and locations shown on any plan or details and if any inconsistencies or discrepancies should be noted thereon, or with actual field conditions, or with the Specifications, he shall immediately notify the Authority. The Contractor will be held responsible for any errors resulting from his failure to exercise the aforementioned precaution.

4 a. The Contractor shall satisfy himself as to the existing conditions of the areas in which he is to perform his work. The Authority will decide any disputed questions regarding the performance of the work, access to and cleaning up the site.

b. It is the Contractor's responsibility to make his own investigation and related assumptions and to satisfy himself as to subsurface conditions and to ensure these are reflected in the bid.

5. As soon as the Contract is executed, the Contractor shall order materials, submit an outline of procedures and a construction schedule as hereinafter specified. When the Authority gives the Notice to Proceed, the work of construction shall begin at the time stipulated therein and shall be completed within the Time for Completion specified.

6. The Contractor's attention is called to the necessity of obtaining building permits and arranging for inspection by the Buildings Department of the City of Boston. The Contractor shall pay all required fees to the City of Boston.

COMMUNICATIONS

1. All notices, demands, requests, instructions, approvals, proposals and claims must be in writing.

2. Any notice to or demand upon the Contractor shall be sufficiently given if delivered at the office of the Contractor stated on the signature page of the Agreement (or at such other office as the Contractor may from time to time designate in writing to the Authority), or if deposited in the United States mail in a sealed, postage-prepaid envelope, or delivered with charges prepaid to any telegraph company for transmission, in each case addressed to such office.

3. All papers required to be delivered to the Authority shall, unless otherwise specified in writing to the Contractor, be delivered to the Boston Redevelopment Authority, at New City Hall, Room 920, Boston, Massachusetts, and any notice to or demand upon the Authority shall be sufficiently given if so delivered, or if deposited in the United States mail in a sealed, postage-prepaid envelope, or delivered with charges prepaid to any telegraph company for transmission to said Authority at such address, or to such other representatives of the Authority or to such other address as the Authority may subsequently specify in writing to the Contractor for such purpose.

4. Any such notice shall be deemed to have been given as of the time of actual delivery or (in the case of mailing) when the same should have been received in due course of post, or in the case of telegrams, at the time of actual receipt, as the case may be.

PARTIAL USE OF SITE IMPROVEMENTS

1. The Authority, at its election, may give notice to the Contractor and place in use those sections of the improvements which have been completed, inspected and can be accepted as complying with the Technical Specifications and if, in its opinion, each such section is reasonably safe, fit and convenient for the use and accommodation for which it was intended, provided:

2. The use of such sections of the improvements shall in no way impede the completion of the remainder of the work by the Contractor.

3. The Contractor shall not be responsible for any damages or maintenance costs due directly to the use of such sections.
4. The use of such sections shall in no way relieve the Contractor of his liability due to having used defective materials or due to poor workmanship.
5. The period of guarantee stipulated in the Section - GENERAL GUARANTY - under GENERAL CONDITIONS, PART I, shall not begin to run until the date of the final acceptance of all work which the Contractor is required to construct under this Contract.

CONTRACT DOCUMENTS AND DRAWINGS

1. The Authority will furnish the Contractor without charge 6 copies of the Contract Documents. Additional copies requested by the Contractor will be furnished at cost. There is no separate set of drawings for this Contract.

RECORD DRAWINGS

1. The Contractor shall prepare at the site a set of drawings on which shall be recorded accurately, as the work progresses, the actual "as built" locations and dimensions of all his work. This record of "as built" conditions shall include the work of all subcontractors.

CONSTRUCTION SCHEDULES

1. The Contractor must submit a construction schedule to the Authority indicating the general sequence of all work under this Contract. The schedule shall define an intended sequence of work which will minimize inconvenience to the residents and to the public; the Contractor shall anticipate the possibility of having to work at premium hours to accomplish this intent. This schedule must be submitted within 10 days of the date of Contract execution and shall be revised, if required, to the satisfaction of the Authority.
2. The construction operations in the field shall be subject in all respects to the approval of the Authority. The Contractor shall plan his work in an orderly manner and shall coordinate all work, whether performed by himself or his subcontractors, to permit the expeditious completion of the work to be performed under this Contract.

No existing power, light, communications, gas, drainage, sewerage or water facility nor any other existing facility shall be interrupted until approved temporary facilities are provided, or special permission is obtained from the Authority.

SHOP AND WORKING DRAWINGS

- 1 The Contractor shall furnish six copies of any shop drawings which may be required.
- 2 The Contractor shall be responsible for the prompt submission of all shop and working drawings so that there will be no delay in the work.
- 3 The approval of shop and working drawings will be general and shall not relieve the Contractor from the responsibility for details of design, dimensions, etc., necessary for proper fitting and construction of the work as required by the Contract.

PROVISIONS FOR TRAFFIC

- 1 The Contractor shall not close or obstruct any portion of a street without obtaining permits therefor from the proper municipal authorities. If any street or private way shall be rendered unsafe by the Contractor's operations, he shall make such repairs or provide such temporary ways or guards as shall be acceptable to the Authority.
- 2 Streets, roads, private ways, and walks shall be maintained passable by the Contractor at his expense, and the Contractor shall assume full responsibility for the adequacy and safety of provisions made. He shall conduct his construction operations so that interference with the flow of traffic will be held to a minimum.
- 3 The Contractor shall cooperate in every way possible with the municipal authorities maintaining traffic flow. The Contractor shall notify the Boston Fire Department when any street is to be closed regardless of the length of time or time of day.
- 4 All detours shall be signed and lighted as directed by the Engineer.

SITE INSPECTION

1. It shall be contingent upon the Contractor to inspect the Site as an aid to determining the extent of his work under the Contract prior to submission of his bid.

PROTECTION OF EXISTING STRUCTURES

1 All existing walks, pipes, conduits, poles, fences, stairways, curbing, walls, buildings and other structures which are to remain in place shall be carefully supported and protected from injury by the Contractor without additional compensation and in case of injury they shall be restored by him without compensation therefor to as good condition as that in which they were found in the opinion of the Authority.

2 The Contractor shall take all necessary measures and conduct all of his operations such as to protect supporting walls and foundations of buildings and other structures.

ADDITIONAL CONVENIENCE OF THE PUBLIC

1 Interference with traffic flow shall be kept to a minimum at all times. Stockpiling of materials in the streets will not be permitted.

2 Noise shall be kept at a minimum consonant with the requirements of the work. (Also see Section 418.0)

SAFETY

1 The Contractor is referred again to Section 120.0.

2 All safety standards and regulations of the City of Boston, the Commonwealth of Massachusetts, the Occupational Safety and Health Act (OSHA), and the Manual of Safety of the Association of General Contractors shall be followed by the Contractor and the Contractor shall include in his bid all costs for such compliance.

WORK QUANTITY SUBMISSIONS FOR PARTIAL PAYMENTS (See Sections 107.0 and 108.0)

1 The Contractor shall compare his work quantity reports with those of the Engineer as the work progresses and his cumulative totals on a continuous basis as the Engineer may require. At least once each week the Contractor shall make a formal submission of work quantity reports for comparison and approval by the Engineer.

2 Estimates for payment are generally made on a monthly basis, although the period varies. Any quantity reports submitted later than seven calendar days prior to the date established by the Engineer for submission of a partial payment request will not be included.

3 Any violation of any provision of the Specifications which the Engineer deems hazardous to the public or which in his opinion endangers property or the work and which is not remedied at the time for submission of a monthly payment estimate, shall be considered sufficient reason for withholding such submission.

NOISE CONTROL

1 Equipment to be employed on this site shall not produce a noise level exceeding the following limits in DB(A) at a distance of 50 feet from the equipment under test. (G.S.A. permissible noise levels)

Equipment:

Earthmoving	
front loader	75
backhoes	75
Materials Handling	
concrete mixer	75
concrete pump	75
crane	75
derrick	75
Stationary	
pumps	75
generators	75
compressors	75
Impact	
jack hammers	75
rock drills	80
pneumatic tools	80
pile driver	95
Other	
saws	75
vibrators	75

2 The Contractor shall comply with all applicable federal, state and local laws, ordinances, and regulations relative to noise control. (See especially OSHA "Occupational Noise Exposure", 1910.95)

3 Stationary equipment shall be furnished with acoustical enclosures as necessary to provide the required sound attenuation. Continued maintenance of such enclosures shall be provided by the Contractor to assure that maximum sound levels specified are not exceeded.

4. Monitoring of noise levels shall be performed if directed by the Engineering, and shall be recorded by a reputable noise consultant retained by the Authority or by the City of Boston Air Pollution Control Commission.

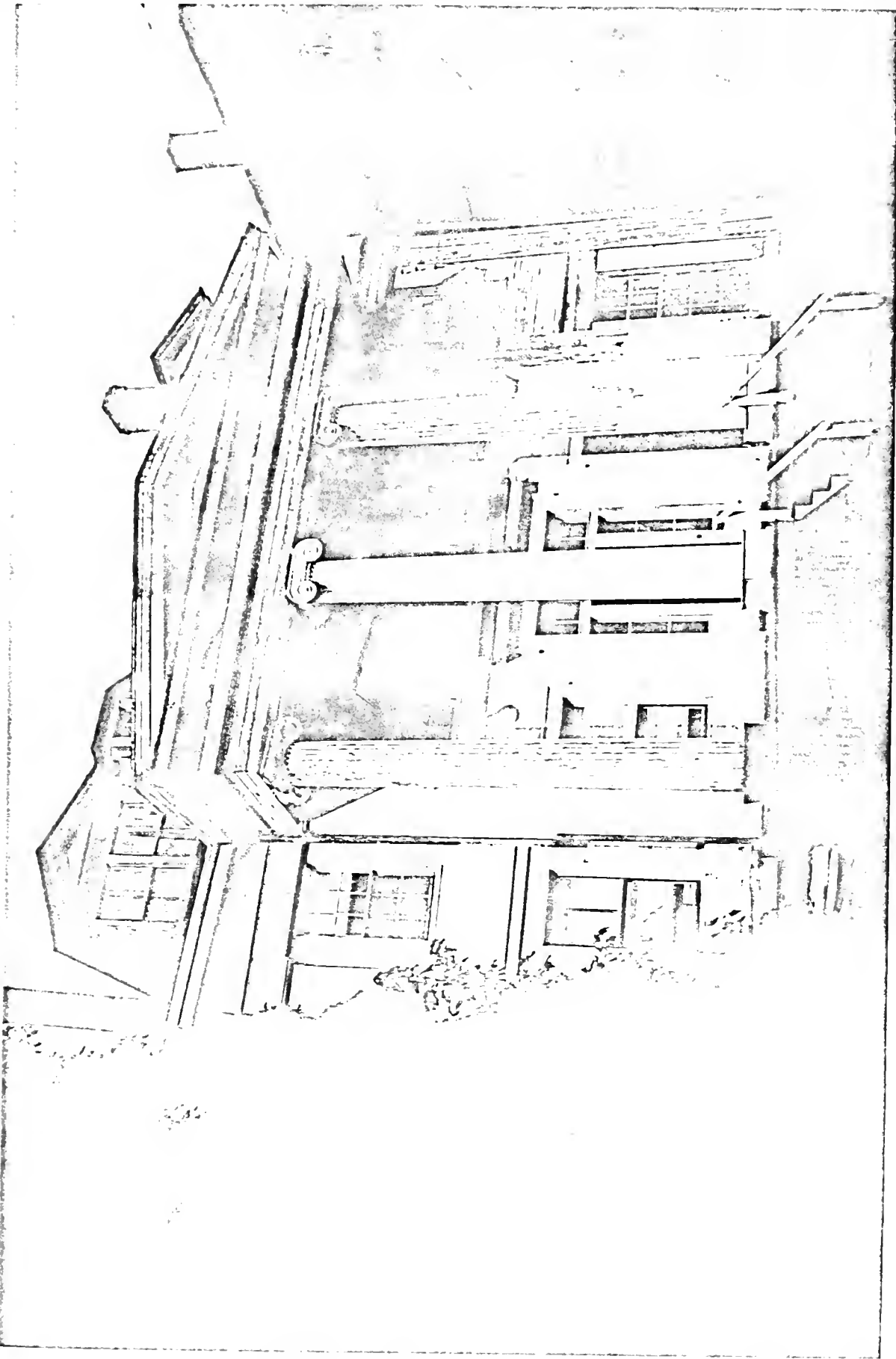
5. Additional monitoring may be performed as a result of any significant change in equipment or methods used in any of the Contractor's operations, or in the Engineer's opinion noise levels have increased substantially over those last monitored.

6. The Contractor shall cooperate to the extent required to permit such monitoring.

7. Where field sound measurements reveal sound levels exceeding those listed in Section 422.1 above, the Contractor shall cease operating such equipment and shall either repair or replace it with equipment complying with these sound levels.



Dr. E. E. Hale's House, Roxbury.



12 MORLEY STREET

1975



1980

SECTION A
DESCRIPTION OF WORK
12 Morley Street
KITREDGE SQUARE URBAN RENEWAL AREA

CORNICE:

1. Remove existing cornice trim and replace it completely with new cornice trim, to match exactly that being removed, on all four sides of the building. This work shall include all necessary wood backup framing, removal and replacement of rotted or deteriorated sections, either as part of the cornice construction (fascia and plancia boards) or part of the adjacent entablature or frieze at the gable ends.

GUTTERS:

1. Remove existing gutters and replace them with 4" x 5" wood fir gutters. All gutters shall be of one-piece construction, joined at intersections by means of a mitre cut and lead flashings.
2. The gutter at the rear wall may be spliced if a one-piece gutter is not available. The splice shall be mitred at 45 degrees and be flashed using lead, cut into and overlapping the joint.
3. Goosenecks shall be a minimum of 1 1/2" and shall be made of lead.

WOOD TRIM:

1. Remove all deteriorated wood trim on Cupola, Dormers, belt lines, etc. and replace with new to match existing.
2. If it is necessary to conduct special milling operations in order to match existing wood trim exactly, then it shall be done.
3. Remove all deteriorated wood trim from the two pilasters and the four cornerboard configurations and replace them with new trim to match the existing, including any concealed wood framing necessary to strengthen these pilasters and corners against the building.

SILLS:

1. Remove and replace deteriorated and rotted sections of the main house sill. The exterior walls shall be temporarily shored while the sill replacement takes place. "Z" clips or angles may be used with 4" x 6" shores against a "Deadman" to insure temporary support. The sills shall be replaced with material of the same dimension, and wall studs shall be secured to the sills.

12 Morley Street

FRONT PORCH:

1. Remove the existing front porch framing and flooring, front stairs, and all remaining trim under the porch.
2. Construct a new front porch to match the porch that was removed. The new porch shall contain new 2" x 8" joists, new 1" x 4" square edged flooring, railings constructed of 2" x 4" rails and 2" x 2" balusters from a design to be supplied by the BRA Urban Design Department.
3. New stairs are to be constructed at the left end of the new front porch, and shall match the stairs removed, except that the railings shall be of 2" x 4" framing as designed by the BRA staff.
4. An allowance of \$700.00 shall be carried for porch stairs and rails as described in #3 above.
5. Rebuild the four brick piers that will support the four porch columns.

The pier reconstruction should be scheduled so as to take advantage of the roof support derived from the existing columns, and after the two new columns are installed on two rebuilt masonry piers, the remaining two columns shall be supported while the final two piers are rebuilt.

6. The area around and under the perimeter of the porch and stairs shall be enclosed with lattice work to match the existing design. The lattice shall be 1 - 3/8" pine, painted as directed, and the framing and trim shall be 2" x 4" backup and 1" x 8" pine trim (paint grade).
- 7.a) Replace the two missing wood columns at the front porch with two new wood columns that match the existing columns in every detail.
- b) The work to repair the columns and the replacement of the two missing columns will include repair and/or replacement of the column bases and capitals.
- c) Special care shall be taken to duplicate exactly, the two column capitals and the two original column bases (which have been removed but which can be copied from the round column bases at No. 10 Linwood St. which is located on the other side of Alvah Kittredge Park).

BULKHEAD:

1. Install one exterior wood step at the bulkhead located in the rear of the building.

FOUNDATION:

1. Repair loose or broken masonry foundation sections, with masonry to match the existing. Mortar shall be mixed to match the existing mortar in color and texture.

12 Morley Street

WINDOWS:

1. Remove the two first floor left front windows completely, and replace them with complete new window frames, trim and sash. The new windows shall contain double hung 6/9 sash, complete with the appropriate hardware. Paint new work with a primer-sealer and finish with two coats of (leadfree) latex paint.
2. Remove the two first floor right front window sash completely and replace them with new double hung 6/9 sash, complete with hardware. Paint and seal.
- 3.a) Remove all existing window sash (approx. 57 windows, including basement sash) and replace with new window sash as follows:

Front wall, two side walls and rear wall - 36 openings, 6/6. Rear wall, one window to match other first floor windows by reframing the former door openings. See Door section.

Install two new windows and frames complete, where the two half windows have been installed in the old openings at the rear wall.

Cupola, 8 openings, 2/2- Complete new frames and trim are needed here.

Basement, 10 window openings. The new windows shall be double hung wood sash, 2/2, with new frames, installed in the 30 x 36 rough opening.

- b) Repair in place or replace as necessary, window frames, trim, jamb liners, balancers, side stops, parting beads and locks.

STORM SASH:

1. Install new wood storm windows, 2/2 on all main house windows, cupola, and basement windows.
2. The new wood storm windows shall be equipped with interior locking hardware and exterior hanging hardware. The new storm windows shall be fitted to each window and made weathertight. A number system shall be used to identify each window opening with the respective storm sash, such as punching "7" on the interior section of window sill where it will ordinarily be covered by the closed bottom sash.
3. Install new brushed aluminum half screens, in aluminum runners, on all windows, including the eight cupola windows, but not including the basement windows.

CHIMNEYS:

1. Repair three chimneys by rebuilding the top several courses with existing bricks in new mortar.
2. Rebuild the left rear chimney from the roof line up, to match other chimneys; include new flashings. Flue liners shall be installed to match those removed. Existing bricks shall be reused.

CHIMNEYS (CON" T):

3. Rake out all joints in the three (3) standing chimneys to a depth of 1/2" and repoint them with mortar to match the existing.

ROOFING:

1. Remove the existing roofing down to the boarding, replace any defective boards with new boards, and lay 15 lb. felt, aluminum drip edge, and new asphalt strip shingles, complete.
2. The new shingles shall be Bird, GAF or equal, 235 lbs. per sq. self-sealing and carry a National Underwriters Class "C" label.
3. The work shall include all new lead base and counter flashings at chimneys and new flashings at all penetrations and rising walls.
4. The color of the shingles shall be black.

DOWNSPOUTS:

1. Install new steel galvanized round corrugated downspouts, 4" in diameter, 28 gauge, at old downspout locations.
2. New downspouts shall be prime coated and receive two finish coats of paint.

SKYLIGHTS:

1. Install two new skylights, one each at front and rear roof locations, to match the existing.
2. The new skylights shall be properly flashed and be equipped with hardware that will allow them to be opened and closed from the inside without difficulty (approx. 30" x 42").

DORMERS:

1. Remove shingles from dormer cheeks at front and rear roofs, install new flashing and apply new clapboards to the dormers.
2. The new clapboards shall be back-primed before installation and shall be installed to match the spacing on the sides and rear of the building.
3. Repair or replace the wood trim at the dormer windows and install new roofing as required elsewhere in this write up.

CUPOLA:

1. Remove shingles at the lower section of the cupola and replace them with new clapboards as specified for the dormer cheeks.
2. Replace worn or rotted cupola trim, gutters, and fascia. Paint completely with a primer-sealer and two coats of latex paint.

CUPOLA (CON'T):

3. Re-roof along with main roof.

CLAPBOARDS AND SIDING:

1. Repair all exterior clapboards and re-nail where necessary. Replace all loose, cracked or deteriorated clapboards (approx. 700 s.f.) with clapboards of the same type and spacing as the existing clapboards. New clapboards shall be back-primed before installation.
2. Ship-lap board siding shall be repaired, re-nailed and replaced where necessary, including back-up nailing pieces where sound nailing areas are missing.
3. Existing water table on four sides of the building shall be removed and replaced. The water table shall consist of new 2" x 4" fir pieces to match those sections being removed.

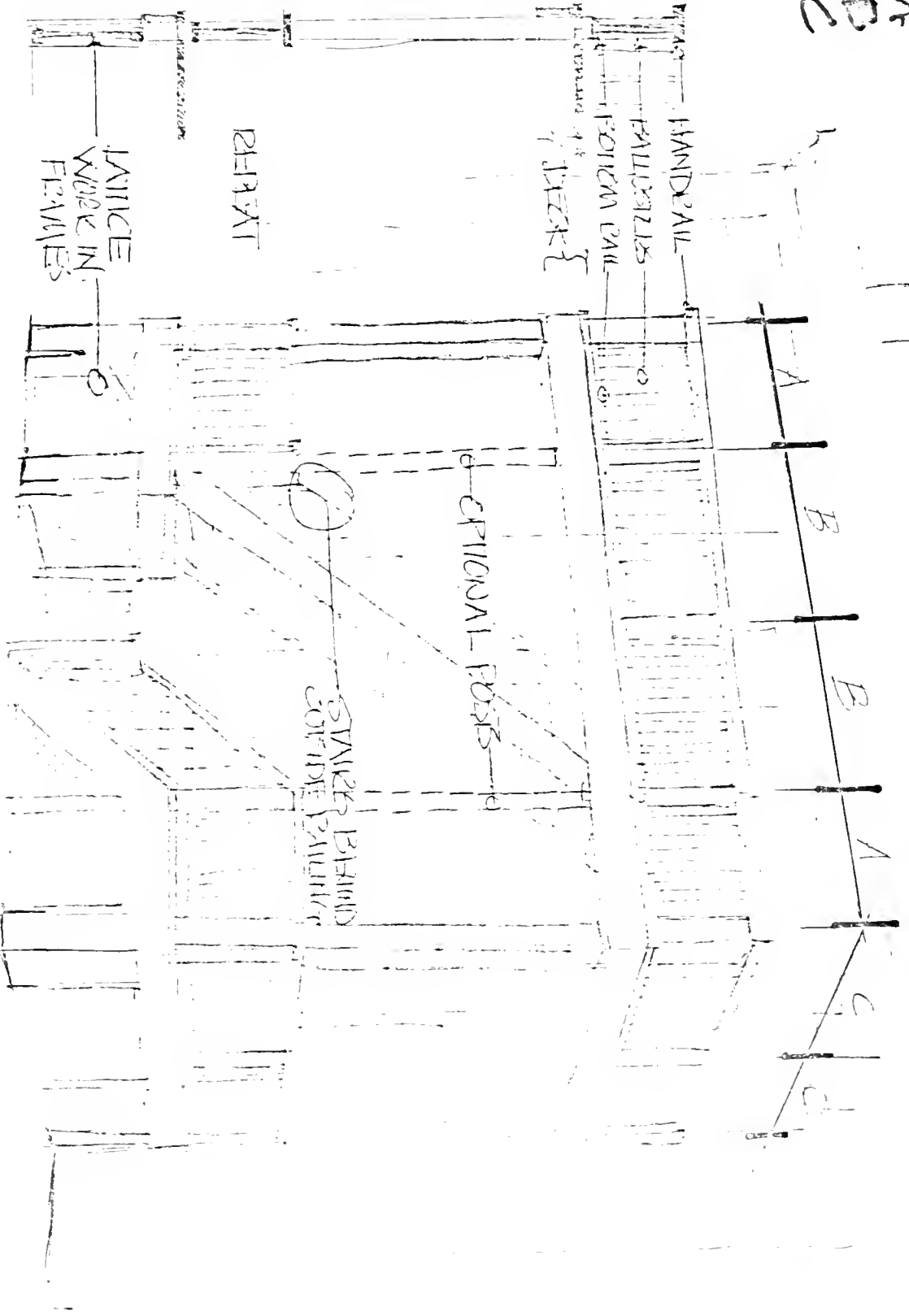
REAR PORCHES:

1. Remove existing metal fire escape at rear wall and dispose of it. Holes left by the removal of the fire escape shall be repaired, filled and painted immediately.
2. Install two (2) new wood rear porches on the rear wall of the building, to conform to the Design Sketch included in the specification.
3. The porches shall be constructed of 8" x 8" corner posts (set on concrete footings and piers) and 4" x 6" girts joined to the columns by a "Boston" cut and knee irons.
4. Install 2" x 8" fir, spruce, or hemlock joists at each level (roofline, second and first floor), and 1" x 4" square edge fir flooring, spaced to drain water. Porch railings shall be constructed out of 2" x 4" rails with 2" x 2" balusters, or pickets.
5. An egress stairway shall be constructed through the porches as shown in the sketch. The stairs shall be open-riser construction, with three 2" x 12" stringers and 2" plank treads. Handrails shall be 2" x 4" rails and balusters properly secured to framing posts as needed.
6. The Contractor shall repair any damage to the walls, facia and gutter configuration or trim, disturbed during the installation of the rear porches.
7. NOTE:

Porch deck elevations shall be determined by the existing door sill locations at first and second floors, and by good construction practice.

PROPORTIONS OF DIMENSIONS IMPORTANT

A=A
B=B
C=C

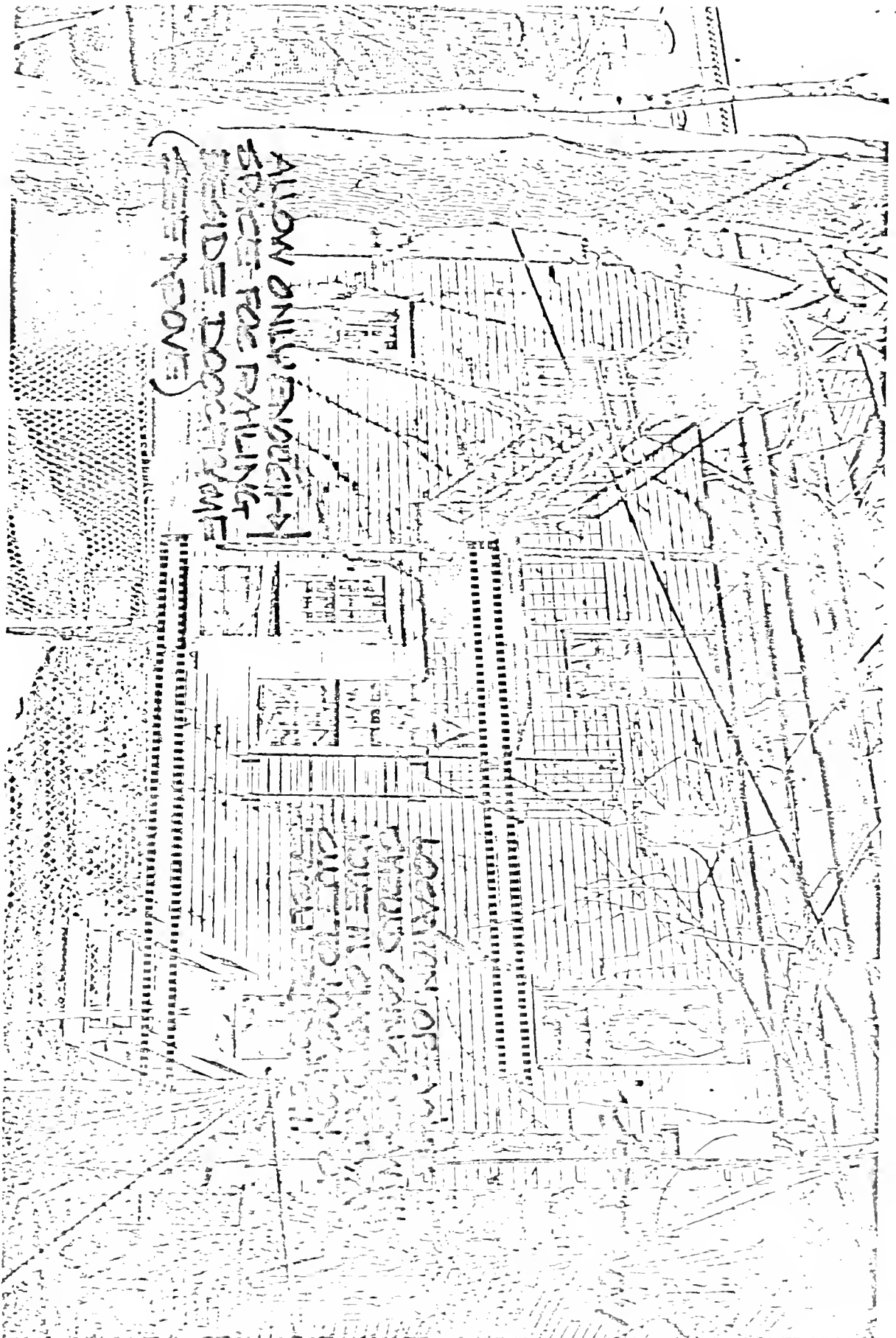


REAR PORCH . 12 MODEL STREET KITTLEDGE ST.

DESIGN SKETCH

WHEEL 1/2"

GENERAL DIMENSIONS DETERMINED BY FIELD CONDITIONS.



BEFORE FACADE SHOWING POINTS AT WHICH NEW DOORWAYS SHOULD BE ATTACHED TO BUILDING. DIMENSION DETERMINED BY RELATIONSHIP TO DOORWAYS (WIDTH)

12 Morley Street

REAR PORCHES (CON'T):

8. New concrete footings and piers shall be constructed as follows:
 - a) Footing 16" x 16" x 20"
 - b) Pier, 12" x 12" by (min.) 12"
 - c) Pier shall be formed to provide a permanent water shed or slope, away from column base.

SIDE PORCH:

1. Remove and completely replace the right side wooden porch and stairs.
2. Install new concrete footing and piers, and new porch framing and decking of roughly the same size in area as the removed porch. Install new steps to the rear yard and a new wood frame ramp to the front sidewalk. The new ramp shall contain a slope and width that is standard for handicapped persons (but not more than 1' in 10' in any case) and contain proper railings and feathered edge at the new right side sidewalk.
3. The new steps to the rear yard shall contain three stringers, fir treads, and risers of paint grade pine. The stringers shall be finished in paint grade pine skirts, where they are exposed.
4. Porch and stair rails shall be 2 x 4's with 3" x 4" wood post supports, similar to the existing porch.

PORCH PAINTING:

1. All porches shall be painted with two coats of non-lead paint, in dry weather. Porch decks (1 x 4 square edge) shall be coated with cuprinol or other acceptable wood preservative.

SIDE RAMP:

1. Install a new wood frame ramp from the right side porch to the sidewalk at the side of the house. The new ramp shall contain a slope and width that is standard for handicapped persons, (but not more than 1' in 10' in any case) and contain proper railings and feathered edge at the new sidewalk (right side).
2. The estimated cost for this ramp shall be carried as a separate price on the bid form, and the cost shall be paid by the homeowner.
3. The side ramp shall be finished and painted as described in porches, above.

DOORS AND FRONT ENTRANCE:

1. Install new exterior wood doors as follows:
 - a) Two (2) at rear wall, to match those replaced.
Install appropriate hardware, complete.

DOORS AND FRONT ENTRANCE (CON'T):

The new doors shall be similar in design to the "Morgan M-100".

- b) One (1) at the basement bulkhead opening, of solid core wood, with appropriate hardware and an extra interior dead-bolt.
- c) The center of the rear wall contains a remodeled door opening that is partially filled with a small window. This opening is to be framed for a new window, double hung, 6/6, to match other first floor windows. New clapboards shall be installed and fitted to adjoining existing clapboards so that no clear joint will be seen.
- d) One (1) door at first floor right side porch, to match new rear doors. The existing frame, sill and trim shall be repaired, scraped and painted with two coats of paint. The new door shall contain all necessary and appropriate hardware, complete.
- e) One (1) front entrance door, similar to the "Morgan M-100".

Remove the wood filler pieces at the side lights and replace with new side lights and new top lights of glass. Replace any deteriorated wood rabbet sections and paint complete. The door surround design shall be as it exists, and similar to the "Morgan M-127" front entrance.

Install a new 10" x 3" brass mail slot in the right hand, side-light configuration, as appropriate.

- f) Four (4) new "BROSCO" wooden combination storm and screen doors (No. 11, containing 12 lights). One (1) storm door each at front and right side locations, and two (2) at the rear wall locations.

PAINTING:

1. Remove all loose and scaling paint from the entire building. Perform all necessary scraping, sanding, caulking, putty and prime painting before applying two finish coats of exterior latex paint.
2. Exterior painting shall not be done in rainy or frosty weather, or until surface has thoroughly dried after such conditions.
3. Exterior doors shall be stained or painted, as directed by the B.R.A. Urban Design Department.
4. The Contractor will remove all storm windows prior to applying the primer and/or two finish coats of paint. New storm windows will not be installed until the exterior painting of the house is complete.
5. Paint on new storm windows shall match that being applied to main walls and trim.
6. All exterior paint colors will be selected by the BRA Urban Design Department.

12 Morley Street

SIDEWALKS:

1. Install a new 4" concrete sidewalk on 4" of compacted gravel, from new steps at front porch to public sidewalk, and from right side porch ramp, to public sidewalk. Install a new concrete pad, 36" x 36" at grade where side steps descend to rear yard.
2. The new sidewalks shall be 36" in width and shall have a "broom" finish at right angles to its length.

SHRUBS:

1. Remove all debris from front, side and rear yards. Install loam, fertilizer, grass seed and shrubs at the front yard. The shrubs shall consist of 10 pieces of Juniper Horizontalis (low, ground covering Juniper).
2. Contractor shall carry an allowance of \$100.00 for the purchase of shrubs.

12 Morley Street

The Edward Everett Hale House

The Edward Everett Hale House is a large two-story structure with a gable roof set side to street. Five bays wide by four bays deep, the house is dominated by a three-bay wide portico. The roofline is broken by pairs of lateral chimneys, a pair of double-sashed, pedimented dormers that flank the portico, and is crowned by a cupola. The giant tetrastyle Ionic portico is missing the rightmost fluted column and the leftmost column. The entablature of the portico's low triangular pediment continues around all elevations having a complete return which forms an imitative pediment on the gable ends.

Pairs of wide pilasters frame the facade's end window bays, and flat trabeated members border the elongated ground floor windows. The inner windows are defined by eared corner mouldings. Only the pair of ground floor windows to the right of the central entrance retain their original 6/9 pane sashes, since the left pair have been reduced and the bottom filled in. The upper story 6/6 pane sashes set close to the cornice appear intact.

The dignified entrance illustrates more typical Greek Revival elements: a broad eared corner moulding surrounds the large paned transom and side lights. The door is not original. One originally reached the entry laterally from the portico's side. Now a modern stairway at the center leads up to the porch.

The walls of the facade are flush-boarded, and the walls of the other elevations are covered in clapboarding.

The center door in the south elevation is flanked by side lights, topped by a wide rectangular transom, and crowned with a cornice. The wide center hall extends through the house from front to rear and divides the four rooms on the first floor into pairs. To the left of the hall are the living room in front and the dining room behind. To the right of the hall is the study in front, a lateral stair hall with the staircase in the center, and in the rear corner, the kitchen. The walls are plastered and the floors are of wide boards. The three principal rooms have their original marble mantels.

The second floor has four bedrooms and a bath and three of the four marble mantels are still in place. The third floor contains five more chambers and a bath.

The Edward Everett Hale House is an outstanding example of a large frame Greek Revival residence. It was built during a period which witnessed large-scale development of a rural neighborhood into a dense suburb representing all phases of Victorian architectural styles. The most notable owner of this house was Edward Everett Hale, (1822-1909), Unitarian clergyman, humanitarian reformer, and author of the short story, "The Man Without A Country", (1863), who lived in the house from 1869 to 1909.

The Hale House was probably built in 1841 by a carpenter named Benjamin Kent and was originally located at 39 Highland Street, around the corner from its present location on Morley Street. Highland Street had been laid out in 1825 by a group of citizens who bought a 26 acre parcel in Roxbury Highlands including the site of the Roxbury High Fort in order to create a pleasant residential community and to preserve the Fort. Only scattered building occurred on Highland Street until the mid 1830's when purchasers of large lots began to

12 Morley Street

Edward Everett Hale House (Con't)

to build handsome residences in the current fashionable architectural styles. Soon the pattern of development during the mid-19th century consisted of a gradual selling off of individual lots on which detached single or double houses were built, either by the original developer, by a speculative builder, or by a new owner for his own use. By the end of the century, the "pleasant residential community" envisioned by its formulators had become a densely built up suburb with a full cross section of suburban architecture and building types.

According to early deeds, Benjamin Kent in 1841 purchased a large lot between Highland Street and Centre Street "with a mansion thereon". Only a year later, he sold the parcel "with the mansions there on" for nearly twice the original cost. The structure built then is an elaborate example of the prevailing stylistic idiom, Greek Revival, often borrowed by builders for their suburban residences.

When the house came into the possession of the Reverend Edward Everett Hale in 1869, its land was considerably reduced. Hale lived there until his death in 1909. Between 1899 and 1906, the house was moved from its Highland Street frontage around the corner to 12 Morley Street

Text prepared by Judith McDonough of the Boston Redevelopment Authority, as part of an inventory for the National Register of Historic Places, Boston Landmarks Commission, March, 1973

The following pages have been copied from a catalogue and brochure of a certain Wood Column manufacturer and are included here only as an aid to contractors who intend to estimate certain specialty costs and bid on the rehabilitation/restoration of 12 Morley Street in the Kittredge Square Renewal Area. It is not intended that these pages serve as an endorsement of a certain company or product.

SCHWERD'S

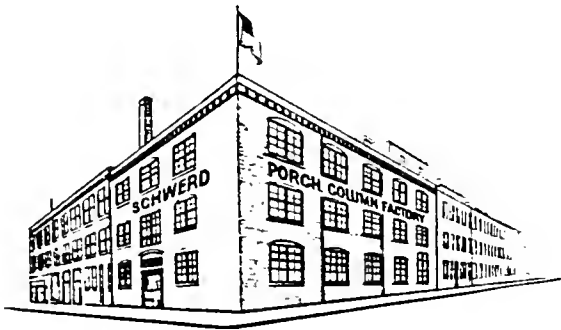
Catalog

No. 105

Observe that it contains no prices. This is for your protection and ours.

Write, Wire or Phone
for Quotation.

OFFICE AND FACTORY



A. F. SCHWERD MFG. CO.
3215 McClure Avenue
Pittsburgh, Pa. 15212

Area Code 412 Phone 766-6322

SCHWERD'S

Quality Wood Columns

In preparing this catalogue of Column details, it has been our aim to show in a practical manner why we are known to the trade as "Column Specialists."

When details are not furnished we manufacture the columns to conform to classic orders, and by using our own specially designed machinery we obtain the proper entasis in the rough shaft, and therefore do not weaken it in the turning.

Besides these manufacturing advantages we carry a large stock of lumber in selected grades for Exterior and Interior work, which gives us exceptional facilities for filling your orders promptly.

In special wood turning, we can quote you on Rolls, Pulleys, Discs, Lamp Posts, Balusters, Newels, etc.

If you are one of our old customers during the many years since our beginning in 1860 you know our product, if not send us your inquiries and orders and join our list of satisfied customers.

For further information see our advertisement in Sweet's Architectural File or The American School & University.

SHOWING WHERE MEASUREMENTS OF COLUMN SHOULD BE TAKEN

HOW TO ORDER COLUMNS AND PILASTERS

DETAILS—Send us your detail or select one of our standard details from this catalogue.

DIMENSIONS—In ordering or requesting quotation refer first to the column detail number (see following pages) and state quantity desired, give size at largest and smallest diameter of shaft and the length overall including Cap and Base. State if for Interior or Exterior use.

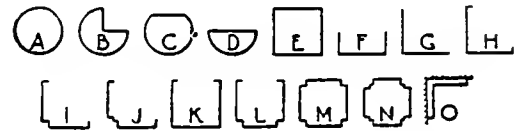
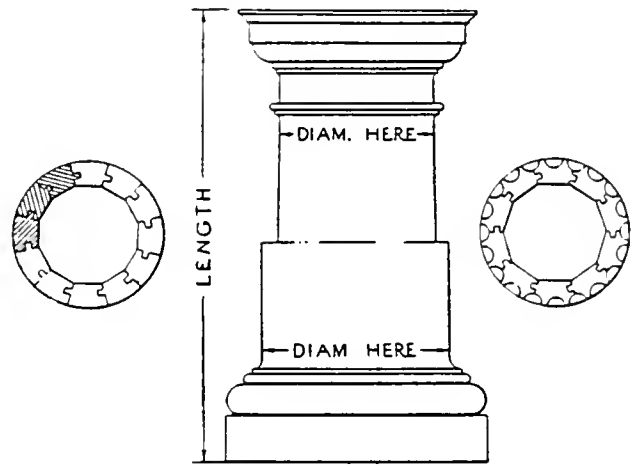
PLINTHS—We recommend Ventilating the Square member of the wood base, or we can furnish Cast Iron Ventilated Plinths or Lead Pads.

PILASTERS—In ordering pilasters to match columns give dimensions at top as well as bottom of shaft. State also,

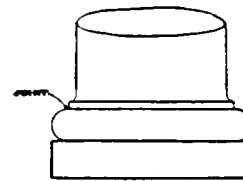
- (1) Whether the width of the pilaster must equal the largest or smallest diameter of the column shaft.
- (2) Whether the width must equal the mean diameter of the column.
- (3) Whether the pilasters are to have the same taper as the columns.
- (4) What is the depth of the return.

GLUE—We use nothing but the best Water-proof Casein Glue in all joints of the shaft, and in the miters of all members of the caps and bases, as well as between each member.

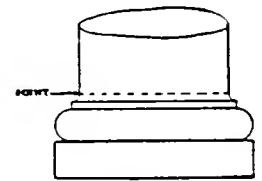
FINISH—All exterior columns and pilasters are primed (2) coats before leaving the factory. If for Interior please state treatment desired.



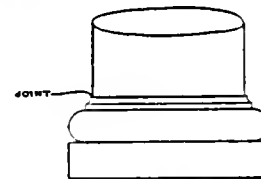
Sections of Columns and Pilaster



Style A



Style B



Style C

Various ways of finishing columns at Bottom
of Shaft

COLUMN HANDLING AND ERECTION

Great care is taken in the crating of SCHWERD columns for shipment. Shafts, caps and bases are crated with heavy wood strips and steel strapped, insuring delivery in perfect condition to the transportation company, where our responsibility ceases. See that Columns are in good condition before taken from the Railroad Station—or have notation of the damage made by Freight Agent on your freight receipt.

Columns must be stored in a dry place if they arrive before you are ready to install them. Do not store in cellar or newly plastered house, and never lay them on the ground.

Columns are primed with two coats of paint at our factory, and when erected we suggest you use a heavy coat of white lead between the wood base and the shaft. Immediately apply one coat of paint, and then we recommend two additional coats as soon as possible. We want to make it clear not to depend on our prime coats of paint to protect the columns after erection.

When erecting exterior columns do not attempt to completely seal them, as moisture will form inside the columns no matter how tightly sealed, and this will eventually cause decay. All columns must be ventilated at the top and bottom so a continuous current of air is flowing inside the columns to keep them dry. If it is not practical to ventilate the bases on the job, we can, if requested, ventilate the wood plinths, furnish ventilated cast iron plinths, or lead pads. Rain or snow must be kept out of the top of the columns, but there must also be an opening at the top for ventilation. If this cannot be done through or beside the plate, holes may be bored near the neck bead on the side of the column facing the building.

We are convinced that by the observance of the above rules you will eliminate column troubles, as our long experience and close investigating shows that the big percentage of trouble arises from causes beyond the control of the manufacturer. If SCHWERD columns are properly stored, erected, painted and later given the same attention as the other exterior millwork they will last indefinitely.



PLAIN
ROMAN DORIC COLUMN
No. 110



FLUTED
ROMAN DORIC COLUMN
No. 115



PLAIN
GREEK DORIC COLUMN
No. 120



FLUTED
GREEK DORIC COLUMN
No. 125



PLAIN DORIC CAP
ATTIC BASE COLUMN
No. 130

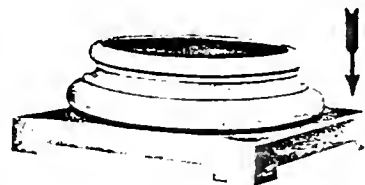


FLUTED DORIC CAP
ATTIC BASE COLUMN
No. 135

VENTILATED CAST IRON PLINTHS

We have found from careful and extended study of ventilated cast iron plinths that they have filled a long-felt necessity. They not only eliminate the annoyance often caused by the checking, dishing and ultimate decaying of mitred wood plinths, but also provide for the circulation of air to the inside of the column shaft, which is a very essential feature. We are prepared to furnish ventilated cast iron plinths at a nominal cost in order to encourage their use. They are finished smooth and given one coat of mineral paint at the factory, and when painted on the job, they harmonize with the finish of the column.

VENTILATED CAST IRON PLINTH



STOCK MODEL COMPOSITION CAPS



PLAIN COLUMN
CORINTHIAN CAP ATTIC
BASE No. 150



FLUTED COLUMN
CORINTHIAN CAP ATTIC
BASE No. 155



ROMAN IONIC No. 141



COMPOSITE No. 151



GREEK IONIC No. 142



TEMPLE OF WINDS No. 152



ROMAN DORIC No. 143



MODERN IONIC WITH
NECKING No. 153



MODERN IONIC No. 144



GREEK ERECHTHEUM No. 154

Special Model Caps Made to
Architects Details

SCHWERD wood columns

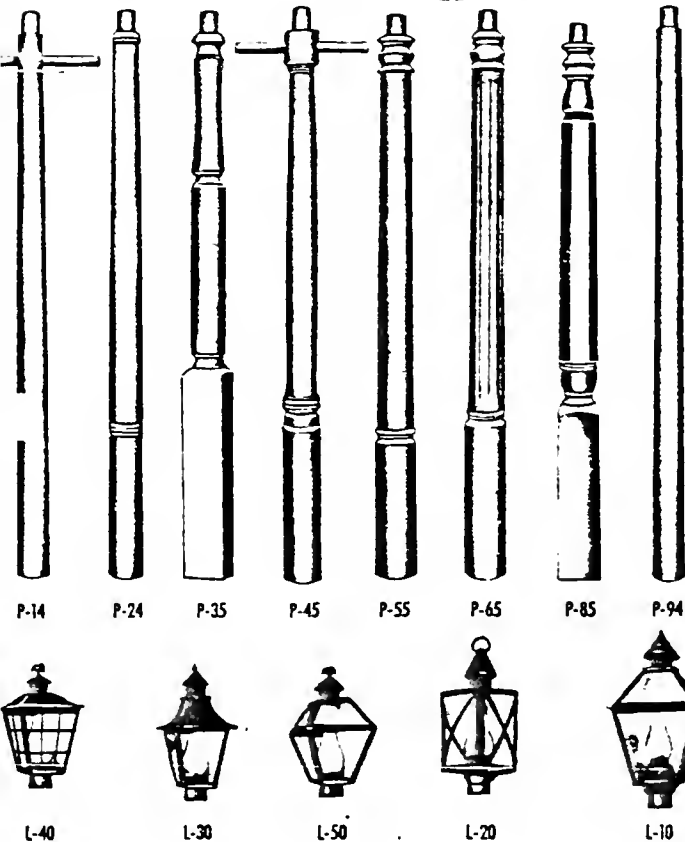
PP/PRODUCT PRESENTATION

turned wood posts

Posts are made from sections of Northern White Pine, accurately milled, glued together under pressure, and hand turned. Ample space is provided throughout the height of the post for either electric or gas installation. Standard designs are shown; special designs can be furnished to Architect's details.

FINISH: All posts are treated with Wood-Life preservative. Posts are primed two coats of paint, and the lower 18" is dipped in asphaltum paint, as further protection.

DIMENSIONS: All posts are 8' long; special heights can be furnished on request. Diameters of the round sections vary from 4" to 5½". Lantern connection is 3"; 3½" supplied on request.



copper lanterns

Lanterns are made from extra heavy copper. Glass panels are clear glass, and glass chumneys have an acid-etched finish.

FINISH: Standard finish is a durable black. Special antique copper finish furnished on request.

DIMENSIONS: All lanterns have a 3" collar connection. They range in size from 9" to 13½" square, and from 17" to 26" in height.

UA/USES, APPLICATIONS

some recent installations of Schwerd columns

CONNECTICUT, East Hartford

Lamplight Village, 30 detail 20" x 24'
Downey & Hudson, Builders, East Hartford, Conn.

CONNECTICUT, Fairfield

First Presbyterian Church, 4 detail 24" x 24'
Arland A. Dirlam, Architect, Boston, Mass.

DELAWARE, Dover

Wesley College, 4 detail 20" x 16'
Larson & Larson, Architects, Winston-Salem, N. C.

KENTUCKY, Ludlow

Ludlow Baptist Church, 4 detail 20" x 21'
Ellisten, Hall & Stockwell, Architects, Covington, Ky

MAINE, Lewiston

Administration Building, Bates College, 4 detail 30" x 30', Alonzo J. Harriman Associates, Inc., Architects, Auburn, Me.

MARYLAND, Silver Spring

Hughes Methodist Church, 4 detail 20" x 23'
Benjamin P. Elliott, Architect, Silver Spring, Md.

MISSISSIPPI, Amory

First Baptist Church, 4 detail 24" x 29'
B. A. England, Architect, Corinth, Mississippi

NORTH CAROLINA, Bennett

Bennett Baptist Church, 4 detail 28" x 18'
Victor O. Cole, Architect, Raleigh, N. C.

OHIO, Ashtabula

St. Peters Episcopal Church, 6 detail 28" x 17'
Copper, Wade & Copper, Architects, Cleveland, Ohio

OHIO, Newark

Moundbuilders Country Club, 4 detail 24" x 22'
Orville Varasso, Architect, Newark, Ohio

OKLAHOMA, Ada

First Presbyterian Church, 4 detail 16" x 18'
Albert S. Ross, Architect, Ada, Oklahoma

PENNSYLVANIA, Pittsburgh

Fox Chapel Presbyterian Church, 10 detail 20" x 21'
Charles M. Stotz, Architect, Pittsburgh, Pa.

TEXAS, Killeen

First Methodist Church, 4 detail 32" x 21'
George E. Christensen, Architect, Dallas, Texas

VIRGINIA, Richmond

Montrose Baptist Church, 4 detail 24" x 24'
John E. Eford, Architect, Richmond, Va.

Printed in U. S. A.

A. F. SCHWERD MANUFACTURING COMPANY

telephone: 412-766-6322

3215 McClure Avenue

Pittsburgh, Pa. 15212

SCHWERD

Since 1860, the A. F. Schwerd Manufacturing Company has contributed wood columns to American Architecture. Schwerd columns are not only esthetically and mathematically correct, but their durability is proved by the continued excellent condition of installations after years of exposure to the most severe climatic conditions. Our careful attention to detail has made "Schwerd Quality Columns" known throughout the country.

Schwerd columns are durable

Wood columns are constructed by gluing together wood staves. Our 100 years of experience in manufacturing wood columns has proven that the durability of a wood column depends upon the strength of the joint, and the quality and thickness of the wood. The strength of a glued wood joint depends upon three major factors: The quality and strength of the glue; the area of the surfaces in contact; and sufficient pressure to force the glue into the wood and squeeze out all excess glue, leaving no pockets of coagulated, uncompressing glue.

Schwerd column construction was developed to meet each specific requirement. The wood is the best quality, thoroughly seasoned Northern White Pine, the glue is of the highest quality. Special stave-making machines developed by Schwerd, precisely shape, taper, and tongue and groove the staves. The chief function of the tongue and groove, although it increases the area of the surface in contact, is to aid in the exact alignment and assembly of the staves in columnar form. The result, when the staves are glued together, is a shaft which has the proper taper and entasis built-in. The finished column is equally heavy at any point in its length; the lathe turning operation removes only the roughness of the lumber.

Schwerd patented clamps, compressing the shaft with 5,000 pounds pressure, force the glue into the wood and squeeze the excess out. In subsequent operations of drying, turning, fluting, finishing, painting and shipping, the pride of craftsmanship and skilled techniques acquired by 100 years of specialized experience is applied.

The resulting product is a "Schwerd Quality Column," specified by architects with complete confidence.

custom design available

We have a superior, complete line of standard columns and pilasters. If the Architect wishes to use his own design, we have the facilities for production, and welcome an opportunity to cooperate. Both standard and detail columns can be furnished from 4" to 50" in diameter, and up to 40' in length with matching pilasters.

MR/MANUFACTURER

PP/PRODUCT PRESENTATION

material—for exterior columns and pilasters is thoroughly seasoned, Northern White Pine, which we believe is the best lumber available. Interior columns and pilasters are made of hardwoods as specified for natural finish; kiln-dried Poplar for paint finish. All exterior columns are treated with Wood Life preservative; 24" diameter and over are painted inside with black asphaltum.

thickness of stock

6" to 20" dia.—plain and fluted shaft—2" staves

21" to 28" dia.—plain and fluted shaft—2½" or 3" staves

29" to 40" dia.—plain and fluted shaft—3" staves

40" and up —plain and fluted shaft—4" staves

ventilation—all columns are shipped provided with ventilation at the bottom.

ventilated wood plinths—are supplied on all exterior columns unless otherwise specified.

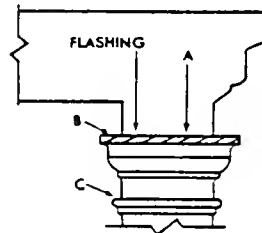


ventilated aluminum plinths

Schwerd aluminum ventilated plinths incorporating a raised water table are recommended for all exterior columns and pilasters

resting on masonry. They prevent moisture from being pulled up into the column and allow air to circulate up through the shaft.

lead ventilating pads—¼", ½", or ¾" thick as specified are recommended to be applied with monel nails to the bottom of Greek Doric column shafts. Also for use on the bottom of turned bases resting on masonry plinths.

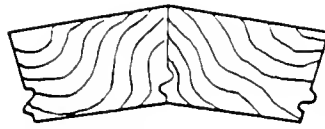


cap flashing—metal flashing is recommended and can be obtained if specified.

As each installation is different, ventilation at the top is the responsibility of the contractor on the job. The best method is to vent directly up into the soffit (A), provided it in turn is vented to the outside, or beside the plate (B) on the side facing the building. If this is impossible or impractical, holes can be bored above the neck mold (C) on the side facing the building.

WOOD COLUMNS 6.9/Sc

superior joints—one hundred years of experience have resulted in these two simple effective joints which assure exact alignment of the staves, so that the finished, properly glued joint, is actually stronger than the lumber itself.



for wood staves
3" thick and over



for wood staves up
to 2" thick (nominal)

contractor responsibility—store columns in a dry place until they can be installed. Do not store in a cellar or newly plastered building, and never lay directly on the ground. If they must be stored outside, lay on bearing timbers and protect with waterproof cover. Immediately after erection, give all columns a coat of white lead and oil paint and follow with two additional coats as soon as possible.

AC/AVAILABILITY, COSTS

ordering or requesting quotations

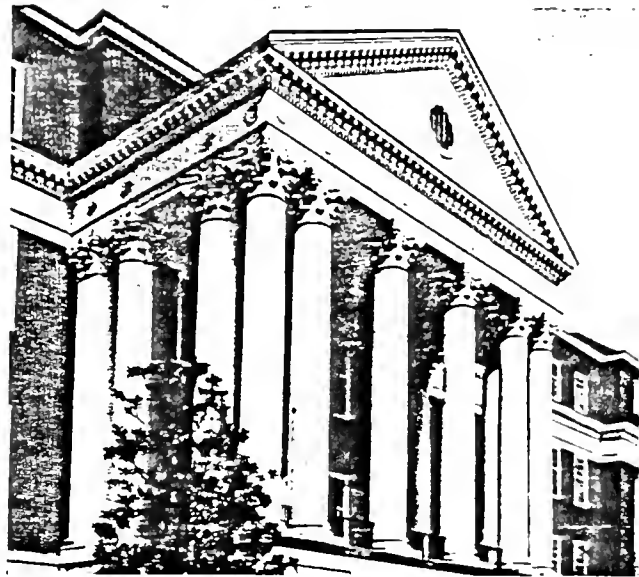
- A. For standard design (shown in this catalog), state the following:
 1. Catalog number, quantity of columns and pilasters, and whether for exterior or interior use.
 2. Overall length including cap and base (bottom of "M" to top of "E"). Column diameter at bottom of shaft (D), and top of shaft (O). Width of pilasters at bottom of shaft (D), and top of shaft (O), and depth of return to wall.
 3. Catalog number and name of ornamental capital, if desired.
 4. Whether wood, aluminum ventilated plinths, or lead pads are desired.
- B. For custom design (not shown in this catalog), submit drawings of columns and pilasters, and supply all information above.

TS/TECHNICAL SUPPORT

specification—"All columns and pilasters shall be manufactured by the A. F. Schwerd Manufacturing Co., 3215 McClure Ave., Pittsburgh, Pa., according to their design number (If a custom design is desired, say "according to Architect's full size details").

Exterior columns shall be made of inch stock (here specify thickness required) Northern White Pine. (For interior columns specify lumber desired.) All joints shall be glued under pressure using the best quality glue. Exterior columns shall be Wood-Life-treated and primed with two coats of paint by the manufacturer.

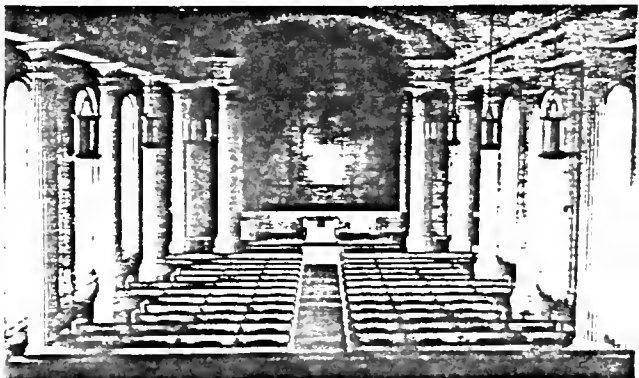
All capitals shall be flashed with (specify 16 oz. copper or other material). (If ornamental capitals are required, give name and catalog number.) All plinths shall be (Specify ventilated wood, or aluminum). If square plinths are not furnished by manufacturer, specify lead ventilating pads, if desired.) Columns shall be stored and erected according to manufacturer's instructions."



Library Building, University of Maryland, College Park, Maryland, 18 detail 36" x 29', Henry Powell Hopkins, Architect, Baltimore, Maryland.

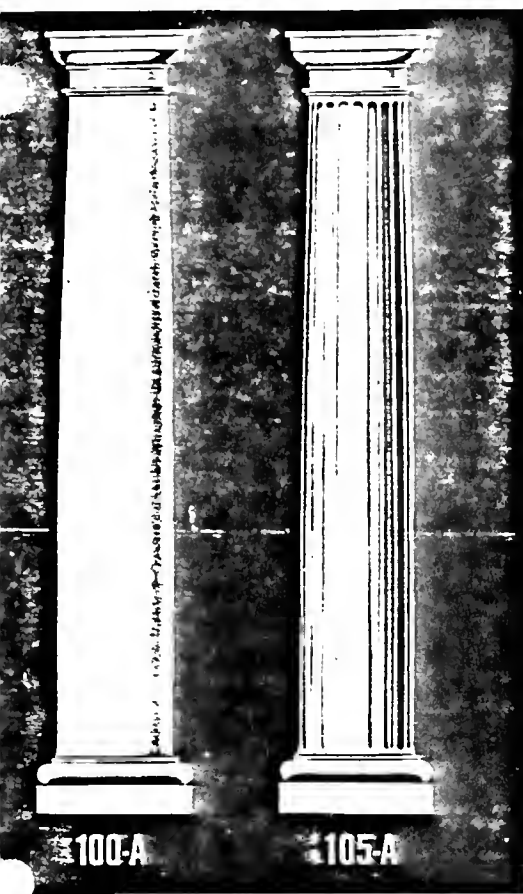

















Westminister Presbyterian Church, Upper St. Clair Township, Allegheny County, Pennsylvania, 4 detail 27" x 25', Wm. C. Young, Architect, Pittsburgh, Pa. Harold E. Wagoner, Consulting Architect, Philadelphia, Pa.

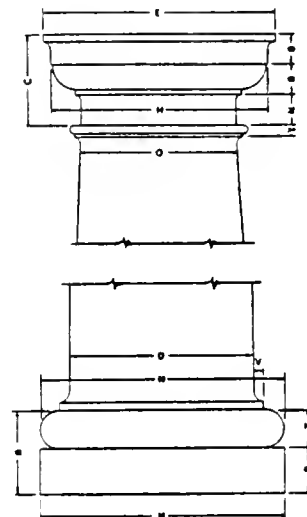


First Presbyterian Church, Johnson City, Tenn. 16 detail 24" x 24', Barber and McMurry, Architects. Knoxville, Tenn.

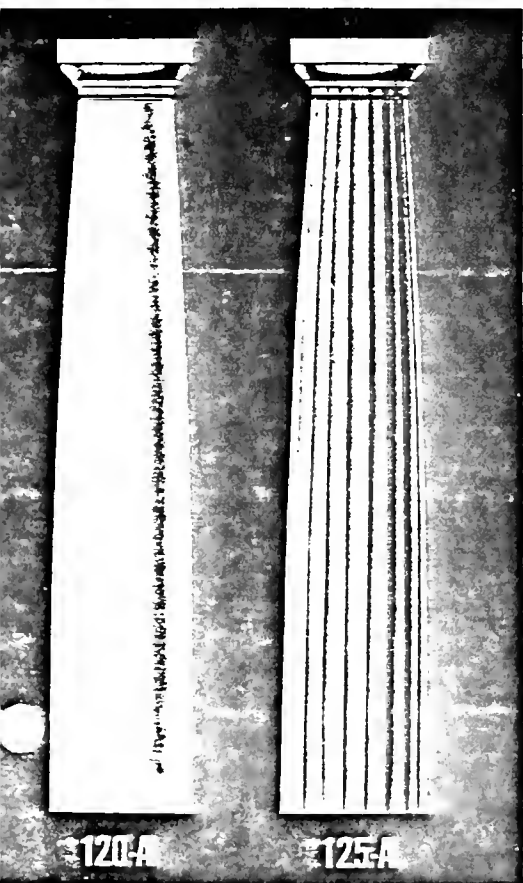
OP/OVERALL PRODUCT, IN PLACE
TUSCAN ORDER


















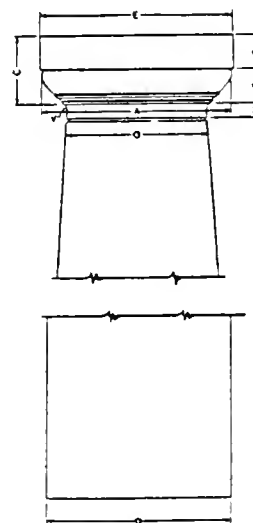
plan type	catalog no.		plan type	catalog no.	
	plain	fluted		plain	fluted
 A	100-A	105-A	 J	100-J	105-J
 B	100-B	105-B	 J	100-J	105-J
 C	100-C	105-C	 K	100-K	105-K
 D	100-D	105-D	 L	100-L	105-L
 E	100-E	105-E	 M	100-M	105-M
 F	100-F	105-F	 N	100-N	105-N
 G	100-G	105-G	 O	100-O	105-O
 H	100-H	105-H			



GREEK DORIC ORDER



plan type	catalog no.		plan type	catalog no.	
	plain	fluted		plain	fluted
 A	120-A	125-A	 I	120-I	125-I
 B	120-B	125-B	 J	120-J	125-J
 C	120-C	125-C	 K	120-K	125-K
 D	120-D	125-D	 L	120-L	125-L
 E	120-E	125-E	 M	120-M	125-M
 F	120-F	125-F	 N	120-N	125-N
 G	120-G	125-G	 O	120-O	125-O
 H	120-H	125-H			



WOOD COLUMNS 6.9/Sc

all dimensions in inches

diameter at		total height of			cap						base			
					height			breadth			height		breadth	
base O	neck O	cap and base C+B	cap C	base B	square S	round			square E	H	square P	round T	round and square M	case Y
						R	N	V						
6	5	6	3	3	1	1	1	1/2	7 1/2	7	1 1/2	1 1/2	8	1/2
7	5 1/2	7	3 1/2	3 1/2	1 1/2	1 1/2	1 1/2	1 1/2	8 3/4	8 3/4	1 1/2	1 1/2	9 3/4	1 1/2
8	6 1/4	8	4	4	1 3/4	1 3/4	1 3/4	1 3/4	10	9 3/4	2	2	10 3/4	1 3/4
9	7 1/2	9	4 1/2	4 1/2	2	2	2	2	11 1/2	10 1/2	2 1/2	2 1/2	12	2
10	8 1/2	10	5	5	2 1/4	2 1/4	2 1/4	2 1/4	12 1/2	11 1/2	2 3/4	2 3/4	13 1/2	2 1/4
11	9 1/4	11	5 1/2	5 1/2	2 1/2	2 1/2	2 1/2	2 1/2	13 1/2	12 1/2	2 3/4	2 3/4	14 1/2	2 1/2
12	10	12	6	6	2 3/4	2 3/4	2 3/4	2 3/4	15	14	3	3	16	3
13	10 1/2	13	6 1/2	6 1/2	2 3/4	2 3/4	2 3/4	2 3/4	16 1/2	15	3 1/2	3 1/2	17 1/2	3 1/2
14	11 1/4	14	7	7	2 3/4	2 3/4	2 3/4	2 3/4	17 1/2	16 1/2	3 1/2	3 1/2	18 1/2	3 1/2
15	12 1/4	15	7 1/2	7 1/2	2 3/4	2 3/4	2 3/4	2 3/4	18 1/2	17 1/2	3 1/2	3 1/2	20	3 1/2
16	13 1/4	16	8	8	2 3/4	2 3/4	2 3/4	2 3/4	20	18 1/2	4	4	21 1/2	4
18	15	18	9	9	3	3	3	3	22 1/2	21	4 1/2	4 1/2	24	4 1/2
20	16 1/2	20	10	10	3 1/4	3 1/4	3 1/4	3 1/4	25	23 1/2	5	5	26 1/2	5
22	18 1/4	22	11	11	3 1/2	3 1/2	3 1/2	3 1/2	27 1/2	25 1/2	5 1/2	5 1/2	29 1/2	5 1/2
24	20	24	12	12	4	4	4	4	30	28	6	6	32	6
26	21 1/2	26	13	13	4 1/4	4 1/4	4 1/4	4 1/4	32 1/2	30 1/2	6 1/2	6 1/2	34 1/2	6 1/2
28	23 1/4	28	14	14	4 1/2	4 1/2	4 1/2	4 1/2	35	32 1/2	7	7	37 1/2	7
30	25	30	15	15	5	5	5	5	37 1/2	35	7 1/2	7 1/2	40	7 1/2
32	26 1/2	32	16	16	5 1/4	5 1/4	5 1/4	5 1/4	40	37 1/2	8	8	42 1/2	8
34	28 1/4	34	17	17	5 1/2	5 1/2	5 1/2	5 1/2	42 1/2	39 1/2	8 1/2	8 1/2	45 1/2	8 1/2
36	30	36	18	18	6	6	6	6	45	42	9	9	48	9



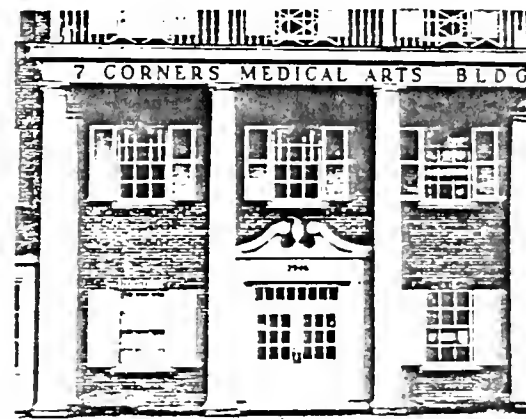
Quintin Little Residence, Ardmore, Oklahoma, 8 detail columns, 27" x 20", Robert D. Goodwin, Architect, Dallas, Texas.



Williston Academy Chapel, Easthampton, Mass. 4 detail 32" x 20", Edward Melville Bridge, Architect, Boston, Mass.

all dimensions in inches

diameter at		cap						
		height				breadth		case Y
base O	neck O	total C	square S	round R	round N	square E	round A	
6	4 1/2	2 1/4	1 1/4	1 1/4	1/2	6 1/4	6 1/4	1/2
7	5 1/4	2 3/4	1 3/4	1 3/4	3/4	7 1/4	7 1/4	3/4
8	6	3	2	2	1	8 1/4	8 1/4	1
9	6 1/2	3 1/4	2 1/4	2 1/4	1 1/4	9 1/4	9 1/4	1 1/4
10	7 1/4	3 3/4	2 3/4	2 3/4	1 1/2	10 1/4	10 1/4	1 1/2
11	8 1/4	4 1/4	3 1/4	3 1/4	1 3/4	11 1/4	11 1/4	1 3/4
12	9	4 3/4	3 3/4	3 3/4	2	12 1/4	12 1/4	2
13	9 1/2	5 1/4	4 1/4	4 1/4	2 1/4	13 1/4	13 1/4	2 1/4
14	10 1/4	5 3/4	4 3/4	4 3/4	2 1/2	14 1/4	14 1/4	2 1/2
15	11 1/4	6 1/4	5 1/4	5 1/4	2 3/4	15 1/4	15 1/4	2 3/4
16	12	6 3/4	5 3/4	5 3/4	3	16 1/4	16 1/4	3
18	13 1/2	7 1/4	6 1/4	6 1/4	3 1/2	18 1/4	18 1/4	3 1/2
20	15	8 1/4	7 1/4	7 1/4	4	20 1/4	20 1/4	4
22	16 1/2	9 1/4	8 1/4	8 1/4	4 1/2	22 1/4	22 1/4	4 1/2
24	18	10 1/4	9 1/4	9 1/4	5	24 1/4	24 1/4	5
26	19 1/2	11 1/4	10 1/4	10 1/4	5 1/2	26 1/4	26 1/4	5 1/2
28	21	12 1/4	11 1/4	11 1/4	6	28 1/4	28 1/4	6
30	22 1/2	13 1/4	12 1/4	12 1/4	6 1/2	30 1/4	30 1/4	6 1/2
32	24	14 1/4	13 1/4	13 1/4	7	32 1/4	32 1/4	7
34	25 1/2	15 1/4	14 1/4	14 1/4	7 1/2	34 1/4	34 1/4	7 1/2
36	27	16 1/4	15 1/4	15 1/4	8	36 1/4	36 1/4	8


















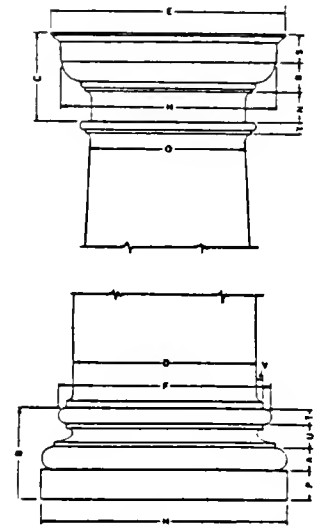
7 Corners Medical Arts Building, Falls Church, Virginia, 4 detail 18" x 20", Albert D. Lueders, Architect, Arlington, Virginia.

OP/OVERALL PRODUCT, IN PLACE

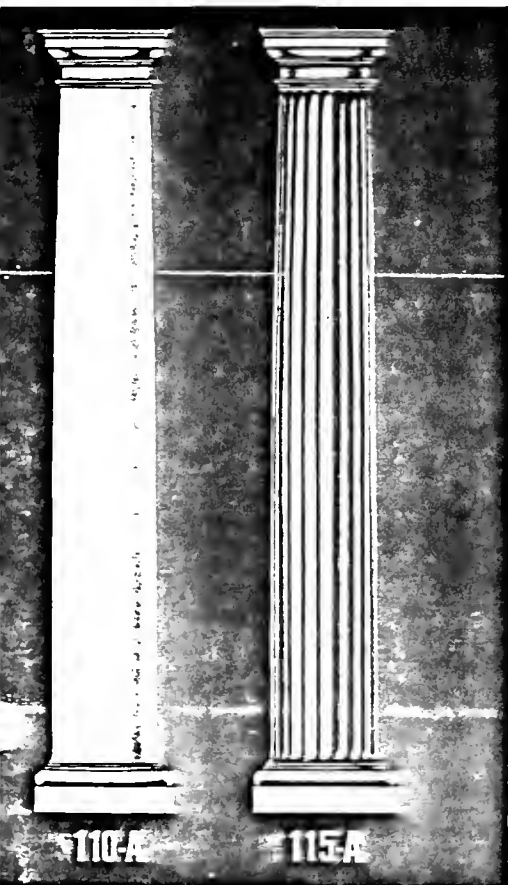
DORIC CAP AND ATTIC BASE


















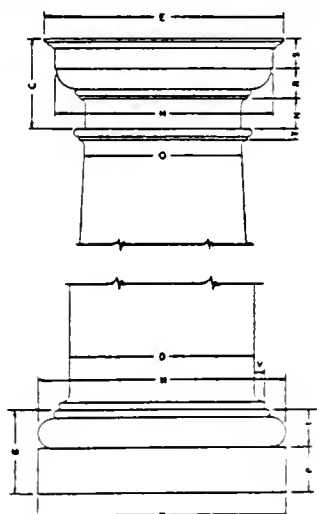
plan type	catalog no.		plan type	catalog no.	
	plain	fluted		plain	fluted
 A	130-A	135-A	 I	130-I	135-I
 B	130-B	135-B	 J	130-J	135-J
 C	130-C	135-C	 K	130-K	135-K
 D	130-D	135-D	 L	130-L	135-L
 E	130-E	135-E	 M	130-M	135-M
 F	130-F	135-F	 N	130-N	135-N
 G	130-G	135-G	 O	130-O	135-O
 H	130-H	135-H			



ROMAN DORIC ORDER



plan type	catalog no.		plan type	catalog no.	
	plain	fluted		plain	fluted
 A	110-A	115-A	 I	110-I	115-I
 B	110-B	115-B	 J	110-J	115-J
 C	110-C	115-C	 K	110-K	115-K
 D	110-D	115-D	 L	110-L	115-L
 E	110-E	115-E	 M	110-M	115-M
 F	110-F	115-F	 N	110-N	115-N
 G	110-G	115-G	 O	110-O	115-O
 H	110-H	115-H			



CP/COMPONENTS, PARTS

ornamental capitals

Made of a specially prepared, hard durable composition, they will withstand the elements as well as other exterior mill-work. Stock models shown below are manufactured to correct proportions. Neck diameter of columns may vary to fit Manufacturers stock models. Special models can be made to Architect's details. Load-bearing wood plugs, which carry the weight from above, will be furnished by us at no charge only if we supply the columns.

all dimensions in inches

diameter at		total height of			cap						base						
					height			breadth			height			breadth			
base	neck	cap + base	cap	base	square	round	square	square	round	square	square base	bottom round	middle round	top round	top round	bottom round and square	cone
O	O	C-B	C	B	S	R	N	Y	E	H	P	A	U	T	F	M	V
6	5	6	3	3	1	1	1	1	7 1/4	7	1 1/4	1 1/4	1 1/4	1 1/4	7	8	1 1/4
7	5 1/2	7	3 1/2	3 1/2	1 1/4	1 1/4	1 1/4	1 1/4	8 1/4	8 1/4	1 1/4	1 1/4	1 1/4	1 1/4	8 1/4	9 1/4	1 1/4
8	6 1/4	8	4	4	1 1/4	1 1/4	1 1/4	1 1/4	10 1/4	9 1/4	1 1/4	1 1/4	1 1/4	1 1/4	9 1/4	10 1/4	1 1/4
9	7 1/4	9	4 1/2	4 1/2	1 1/2	1 1/2	1 1/2	1 1/2	11 1/4	10 1/4	1 1/2	1 1/2	1 1/2	1 1/2	10 1/4	12	1 1/2
10	8 1/4	10	5	5	1 1/2	1 1/2	1 1/2	1 1/2	12 1/4	11 1/4	1 1/2	1 1/2	1 1/2	1 1/2	11 1/4	13 1/4	1 1/2
11	9 1/4	11	5 1/2	5 1/2	1 3/4	1 3/4	1 3/4	1 3/4	14 1/4	12 1/4	1 3/4	1 3/4	1 3/4	1 3/4	13 1/4	14 1/4	1 3/4
12	10	12	6	6	2	2	2	2	15 1/4	14	2	2	2	2	14	16	2
13	10 1/4	13	6 1/2	6 1/2	2 1/4	2 1/4	2 1/4	2 1/4	16 1/4	15 1/4	2 1/4	2 1/4	2 1/4	2 1/4	15 1/4	17 1/4	2 1/4
14	11 1/4	14	7	7	2 1/2	2 1/2	2 1/2	2 1/2	17 1/4	16 1/4	2 1/2	2 1/2	2 1/2	2 1/2	16 1/4	18 1/4	2 1/2
15	12 1/4	15	7 1/2	7 1/2	2 3/4	2 3/4	2 3/4	2 3/4	19 1/4	17 1/4	2 3/4	2 3/4	2 3/4	2 3/4	17 1/4	20	2 3/4
16	13 1/4	16	8	8	3	3	3	3	20 1/4	18 1/4	3	3	3	3	18 1/4	21 1/4	3
18	15	18	9	9	3 1/2	3 1/2	3 1/2	3 1/2	23 1/4	21 1/4	3 1/2	3 1/2	3 1/2	3 1/2	21 1/4	24	3 1/2
20	16 1/2	20	10	10	3 3/4	3 3/4	3 3/4	3 3/4	25 1/4	23 1/4	3 3/4	3 3/4	3 3/4	3 3/4	23 1/4	26 1/4	3 3/4
22	18 1/4	22	11	11	3 3/4	3 3/4	3 3/4	3 3/4	28 1/4	25 1/4	3 3/4	3 3/4	3 3/4	3 3/4	27	29 1/4	3 3/4
24	20	24	12	12	4	4	4	4	30 1/4	28	4	4	4	4	28	32	4
26	21 1/4	26	13	13	4 1/4	4 1/4	4 1/4	4 1/4	33 1/4	30 1/4	4 1/4	4 1/4	4 1/4	4 1/4	30 1/4	34 1/4	4 1/4
28	23 1/4	28	14	14	4 1/2	4 1/2	4 1/2	4 1/2	35 1/4	32 1/4	4 1/2	4 1/2	4 1/2	4 1/2	33	37 1/4	4 1/2
30	25	30	15	15	5	5	5	5	38 1/4	35	5	5	5	5	35 1/4	40	5
32	26 1/4	32	16	16	5 1/4	5 1/4	5 1/4	5 1/4	40 1/4	37 1/4	5 1/4	5 1/4	5 1/4	5 1/4	37 1/4	42 1/4	5 1/4
34	28 1/4	34	17	17	5 1/2	5 1/2	5 1/2	5 1/2	43 1/4	39 1/4	5 1/2	5 1/2	5 1/2	5 1/2	40	45 1/4	5 1/2
36	30	36	18	18	6	6	6	6	46	42	6	6	6	6	42	48	6



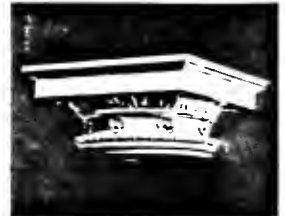
No. 140 Scamozzi



No. 141 Roman Ionic



No. 142 Greek Ionic



No. 143 Roman Doric

all dimensions in inches

diameter at		total height of			cap						base			
					height			breadth			height		breadth	
base	neck	cap and base	cap	base	square	round	square	square	round	square	square	round	round and square	cone
O	O	C-B	C	B	S	R	N	Y	E	H	P	T	M	V
6	5	6	3	3	1 1/4	1 1/4	1 1/4	1 1/4	7 1/4	7	1 1/4	1 1/4	8	1 1/4
7	5 1/2	7	3 1/2	3 1/2	1 1/4	1 1/4	1 1/4	1 1/4	8 1/4	8 1/4	1 1/4	1 1/4	9 1/4	1 1/4
8	6 1/4	8	4	4	1 1/4	1 1/4	1 1/4	1 1/4	10 1/4	9 3/4	1 1/4	1 1/4	10 1/4	1 1/4
9	7 1/2	9	4 1/2	4 1/2	1 1/2	1 1/2	1 1/2	1 1/2	11 1/2	10 1/2	1 1/2	1 1/2	12	1 1/2
10	8 1/4	10	5	5	1 1/2	1 1/2	1 1/2	1 1/2	12 1/4	11 1/4	1 1/2	1 1/2	13 1/4	1 1/2
11	9 1/4	11	5 1/2	5 1/2	1 3/4	1 3/4	1 3/4	1 3/4	14 1/4	12 1/4	1 3/4	1 3/4	14 1/4	1 3/4
12	10	12	6	6	2	2	2	2	15 1/4	14	2	2	16	2
13	10 1/4	13	6 1/2	6 1/2	2 1/4	2 1/4	2 1/4	2 1/4	16 1/4	15 1/4	2 1/4	2 1/4	17 1/4	2 1/4
14	11 1/4	14	7	7	2 1/2	2 1/2	2 1/2	2 1/2	17 1/4	16 1/4	2 1/2	2 1/2	18 1/4	2 1/2
15	12 1/4	15	7 1/2	7 1/2	2 3/4	2 3/4	2 3/4	2 3/4	19 1/4	17 1/4	2 3/4	2 3/4	20	2 3/4
16	13 1/4	16	8	8	3	3	3	3	20 1/4	18 1/4	3	3	21 1/4	3
18	15	18	9	9	3 1/2	3 1/2	3 1/2	3 1/2	23 1/4	21 1/4	3 1/2	3 1/2	24 1/4	3 1/2
20	16 1/2	20	10	10	3 3/4	3 3/4	3 3/4	3 3/4	25 1/4	23 1/4	3 3/4	3 3/4	26 1/4	3 3/4
22	18 1/4	22	11	11	3 3/4	3 3/4	3 3/4	3 3/4	28 1/4	25 1/4	3 3/4	3 3/4	29 1/4	3 3/4
24	20	24	12	12	4	4	4	4	30 1/4	28	4	4	32	4
26	21 1/4	26	13	13	4 1/4	4 1/4	4 1/4	4 1/4	33 1/4	30 1/4	4 1/4	4 1/4	34 1/4	4 1/4
28	23 1/4	28	14	14	4 1/2	4 1/2	4 1/2	4 1/2	35 1/2	32 1/2	4 1/2	4 1/2	37 1/4	4 1/2
30	25	30	15	15	5	5	5	5	38 1/4	35	5	5	40	5
32	26 1/4	32	16	16	5 1/4	5 1/4	5 1/4	5 1/4	40 1/4	37 1/4	5 1/4	5 1/4	42 1/4	5 1/4
34	28 1/4	34	17	17	5 1/2	5 1/2	5 1/2	5 1/2	43 1/4	39 1/4	5 1/2	5 1/2	45 1/4	5 1/2
36	30	36	18	18	6	6	6	6	46	42	6	6	48	6



No. 144 Modern Ionic



No. 150 Roman Corinthian



No. 151 Composite



No. 152 Temple of Vindobona



No. 153 Modern Ionic with Necking



No. 154 Greek Erechtheum

TECHNICAL SPECIFICATIONS

SECTION B

ROUGH CARPENTRY AND FRAMING B (1)

1. SCOPE

- A. This section includes all framing and rough carpentry, complete, as specified in section "Description of Work".

2. APPLICABLE DOCUMENTS

- A. The following specifications and standards of the issues listed in this paragraph (including the addenda, amendments and errata listed), but referred to hereinafter by basic designation only, form a part of this specification to the extent required by the references thereto.

(1) Federal:

FF-B-561c	Bolts, Screw lag
FF-B-575c	Bolt, hexagon and square
FF-B-588c (1)	Bolts, toggle; and expansion sleeve, screw
FF-N-103c	Nails (small) and tacks; cut
FF-N-105b (2)	Nails, wire, brads, and staples
FF-S-325 (3)	Shield, expansion; nail expansion; and nail, drive screw (devices, anchoring, masonry)
MM-L-751h	Lumber; softwood
UU-B-790a	Building paper, vegetable fiber; (kraft, waterproofed, water repellent and fire resistant)

(2) Other Government Documents:

PS 1-74	Construction and industrial plywood
PS 20-70	American Softwood Lumber Standard

(3) Non-Government:

National Forest Products Association - National Design Specification for Stress Grade Lumber and Its Fastenings 1973 Edition.

- (4) American Plywood Association (APA) - Plywood Construction Guide, latest edition.

3. GENERAL REQUIREMENTS

- A. Delivery, storage, and protection: Materials shall be delivered to the site in an undamaged condition. Materials shall be carefully stored off the ground to provide proper ventilation, drainage, and protection against dampness. Defective and/or damaged materials shall be replaced by the Contractor at no expense to the Authority. Work damaged or exposed by the removal of existing work shall be repaired with new materials and the finish shall conform to the existing adjoining work.
- B. Grading:
 - (1) Lumber - each piece of framing and board lumber, or each bundle of small pieces of lumber, shall be identified by the grademark of a recognized association or independent inspection agency using the specific grading requirements of the association recognized as covering the species used. Such association or independent inspection agency shall be certified by the Board of Review, American Lumber Standards Committee, to grade the species used.
 - (2) Plywood - Each sheet of plywood shall bear the mark of a recognized association or independent inspection agency that maintains continuing control over the quality of the plywood. The mark shall identify the plywood by species group or identification index, glue type, grade, and compliance with Product Standard PS 1.
- C. Sizes of lumber shall conform to Commercial Standard PS 20 or Specification MM-L-751 for dressed sizes of yard and structural lumber. All lumber shall be surfaced four sides. Sizes of framing lumber and board lumber specified hereinafter are given by nominal size, unless otherwise specified.
- D. Moisture content: The moisture content of lumber at the time of delivery to the job site shall be as follows:
 - (1) Framing lumber 2 inches and less in thickness: 19 percent maximum.
 - (2) Boards: 19 percent maximum.
 - (3) Framing lumber over 2 inches thick: 25 percent maximum.

- E. Preservative treatment: The following items shall be preservative treated.
- (1) Wood sills, soles, plates, furring and sleepers that are less than 24 inches from the ground; all wood members that are set into, or in contact with concrete or masonry, except plates for rafters and for joists above first floor, joists fire-cut and frames into masonry, and furring on interior concrete or masonry walls and partitions.
 - (2) Nailers, edge strips, crickets, crubs, and cants for roof decks.
- F. Preservative shall be pentachlorophenol or water-borne salts ACA, CCA - Type A, CCA - Type B, CZC or CuCZA listed in Table 1 of AWPB Standard LP-2. Lumber and woodwork that may be in contact with plaster and gypsum board shall not be treated with oil-borne preservatives.
- (1) Methods of treatment - The following methods shall be used:
 - (a) Pressure treatment shall be in accordance with the applicable requirements of AWPB Standards LP-2, LP-3, and LP-4.
 - (b) Non-pressure or vat treatment may be used in lieu of pressure treatment for material one-inch and less in nominal thickness (excluding plywood), and shall be by an approved vat process which will secure complete penetration.

4. MATERIALS

- A. Stress-grade lumber shall be any of the species and grades listed in the National Forest Products Association's "National Design Specification for Stress Grade Lumber and Its Fastenings" that have allowable unit stresses equal to, or greater than 1200 psi design unit stresses. Stress-grade lumber shall be provided for all beams, joists, rafters, and bearing partitions.
- B. Non-stress lumber for non-structural framing, bucks, nailers, cant strips, etc. shall be a Standard Grade of any of the species listed in the National Forest Products Association's "National Design Specification for Stress Grade Lumber and Its Fastenings". Finger-jointed lumber shall be considered as a solid piece and shall be graded under the rules applying to lumber without finger joints. Lumber shall be marked as finger-jointed material. The quality of the joint shall be determined under the certification procedures of the grading association.

- C. Plywood shall conform to Product Standard PS-1. All plywood shall bear the identification of an approved testing and inspection agency as to type and grade, species of veneer or identification index, and product standard under which the material was manufactured. Plywood materials and installation shall conform to the applicable requirements of the APA Plywood Construction Guide, except where specifically indicated otherwise or specified otherwise herein.
 - 1. Plywood for roof and mansard sheathing shall be Standard Grade with exterior glue, except that where edges or underside are exposed to the weather, plywood shall be exterior grade C-C. Minimum thickness shall be 1/2 inch and Identification Index shall be 24/0 or greater.
- D. Building paper shall conform to Specification UU-B-790, Type I, Grade D, Style 1.
- E. Rough hardware, unless otherwise specified, shall be of the type and size necessary for the project requirements. Sizes, types, and spacing of fastenings of manufactured building materials shall be as recommended by the product manufacturer unless otherwise indicated or specified. Rough hardware exposed to the weather, or embedded in, or in contact with exterior masonry, concrete walls or slabs shall be zinc coated.

5. INSTALLATION

- A. Framing lumber and other rough carpentry shall be fitted closely, set accurately to the required lines and levels, and shall be secured in place in a rigid and substantial manner. Framing members shall not be spliced between bearing points. Joists, rafters, and purlins, shall be set with their crown edge up. Members shall be framed for the passage of pipes, conduits, and ducts; structural members shall not be cut, boarded, or notched for the passage of pipes or conduits without prior approval. All members damaged by such cutting or boring shall be reinforced by means of specially formed and approved sheet metal, or bar steel shapes, or removed and provided new, as directed. All framing members shall be provided to match existing framing and as necessary for the proper completion of the work. Spiking, nailing, and bolting shall be done in an approved manner; spikes, nails, and bolts shall be of the proper size, and care shall be taken so as not to split the members. Members shall be drilled accurately for bolting; suitable washers shall be provided under heads; and nuts and bolts shall be drawn up tight. A clearance of not less than 2 inches shall be provided between chimneys and wood framing; and the spaces shall be filled with strips

of asbestos board, or other approved noncombustible material. Leveling of joists, beams and girders on masonry and concrete shall be done only with slate or steel shims. Shimming will not be permitted on wood or metal bearings.

- (1) Sills shall be set level and square and shall be wedged with steel or slate shims and pointed or grouted with 1 to 3 non-shrinking cement mortar to provide continuous and solid bearing. Sizes and spacing of anchor bolts shall be not less than 5/8 inch diameter and not less than 24 inches long, and shall be provided at all corners and splices, and shall be spaced at a maximum of 6 feet on centers between corner bolts. At least two bolts shall be provided for each sill member. Sills shall be lapped at corners and splices, and shall be bolted through the laps, or the ends shall be butted and through-bolted not more than 6 inches from the ends. Bolts in exterior walls shall be zinc-coated.
 - (2) Anchors in masonry - Anchor bolts shall be embedded not less than 15 inches in masonry unit walls and shall be provided with a nut and a 2-inch diameter washer at bottom end. Bolts shall be fully grouted with mortar.
- B. Beams and girders shall be set level, in alignment, and shall be anchored to bearing walls, piers, or supports with U-shaped steel strap anchors. Anchors shall be embedded in concrete or masonry at each bearing and through-bolted to the beams or girders with not less than two bolts. Strap anchors shall be 1/4 inch thick by 1-1/2 inches wide, and the bolts shall be not less than 1/2 inch in diameter, provided with plate washers under heads and nuts. Beams and girders shall have 8 inches minimum end bearing on walls or supports. Beams and girders, the ends of which are built into walls, shall have a 1/2-inch clearance at the top, end and sides. Joints and splices shall be bolted or spiked together and shall occur over bearings only.
- C. Joists shall be of the sizes and spacing to match existing and shall be set accurately and in alignment. Floor and ceiling joists shall be of uniform width. Joists shall have full bearing on sills, plates, beams, and girders. Laps shall occur over bearings only and shall be spiked. Joists of insufficient length to provide a 12 inch lap shall be butted over the bearing, and shall be provided with wood scabs 2 inches thick by depth of joists by 24 inches long, or 1/4

inch by 1-1/2 inch metal straps not less than 18 inches long, nailed to each joist with not less than two 10 penny nails or approved sheet metal connectors installed in accordance with the manufacturer's recommendations. Joists built into masonry shall be provided with a beveled fire cut so that the top of the joist does not enter the wall more than one inch. Joists framing into the side of headers, beams, or girders shall be carried on metal hangers. The minimum joist end bearing shall be 4 inches, and joists built into masonry shall have 1/2 inch minimum clearance at the top, end, and sides. Joists approved to be notched for the passage of pipes or conduits shall be notched in the end one-third of the span only, a maximum of one-sixth the joist depth. Steel joist hangers of approved size and type shall be provided to receive the ends of all framed joists.

D. Bridging shall be provided for floor and ceiling joists and for rafters of roofs having slopes of less than 4 inches in 12 inches. Bridging shall be located to match existing and as specified herein. Bridging shall be provided for all spans greater than 6 feet, but the maximum spacing between rows of bridging shall not exceed 8 feet. Rows of bridging shall be uniform. Metal or wood cross-bridging shall be provided except where solid bridging is required. The bottom end of cross-bridging shall not be nailed until the subfloor has been laid.

- (1) Wood-cross bridging shall be not less than 1 by 3 inches. Wood cross-bridging shall be nailed at each end with two 8-penny nails.
- (2) Metal cross-bridging shall be the manufacturer's standard product, not less than 16 gauge before forming and coating. Metal bridging shall be the compression type, lodged into or nailed to the wide faces of opposite joist at points diagonally across from each other near the bottoms and tops of joists.

E. Subflooring:

- (1) Wood board subflooring shall be 5/8" Standard Grade Plywood. End joints shall be cut parallel to and over center lines of the joists, and shall be staggered so that those joints occurring on the same joist will be separated. Flooring shall be nailed at each bearing with 8-penny coated common nails or 7-penny threaded nails. At least 1/2 inch clearance shall be provided between subflooring and masonry walls.
- (2) Plywood subflooring shall be applied best side up, with the grain of outer plies at right angles to joists. End joints shall be located over the center line of joists. Plywood panels shall be continuous over two or more spans.

F. Wall framing:

- (1) Studs shall be selected for straightness, and set plumb, true, and in alignment; studs shall be bridged horizontally to match existing, with nominal 2 inch thick material of the same width as studs; the bridging shall be installed flat. Sizes and spacing of studs to match existing. Studs shall be doubled at jambs and heads of openings, and tripled at corners to form corner posts. Corner posts shall be framed to receive sheathing. Openings over 4 feet in width shall be trussed over or a header of sufficient depth may be used. Studs shall be toe-nailed to sills or sole plates, with not less than two 10-penny nails on each wide face, or fastened with approved metal nailing clips or connectors. Studs abutting concrete or masonry walls shall be anchored thereto at mid-height of each story using expansion bolts or powder-actuated drive studs.

- (2) Plates for walls and partitions shall be of the same width as the studs and shall form continuous horizontal ties; single plates shall be spliced, and the ends of double plates shall be staggered. Sole plates shall be single, nominally 2 inches thick, and cap or top plates shall be doubled in walls and bearing partitions, built up of two nominal 2 inch thick members. Top plates for non-bearing partitions shall be single of the same size as the studs. Lower members of doubled top plates and single top plates shall be nailed to each stud and corner post with two 16-penny nails. The upper members with 10-penny nails, two near each end and staggered 16 inches; nailed through the subfloor to each joist and header; nails shall be staggered. Plates cut for the passage of pipes or ducts shall be provided with steel angle as a tie for the plate and bearing for joist. Sole plates on walls and partitions resting on concrete floors shall be secured in place at each end and at intermediate intervals not exceeding 6 feet on centers, with bolts into inserts or expansion shields, or secured with powder-driven pins (studs) of suitable and approved type and size.
- (3) Fire stops shall be provided for wood framed walls and partitions, and for furred spaces of concrete or masonry walls, at each floor level, and at the ceiling line in the top story. Where fire stops are not automatically provided by the framing system used, they shall be formed of closely fitted wood blocks of nominal 2 inch thick material of the same width as the studs or joists, as the case requires. Lightweight concrete units may be used at the first floor level to serve jointly as fire-stopping and ratproofing.
- (4) Diagonal bracing shall be provided at all external corners and internal angles, and at maximum 40 foot centers in stud walls, except that bracing may be omitted where wood sheathing is used. Bracing not indicated otherwise shall be of 1 by 6 inch material, dapped flush into the exterior face of studs. Bracing shall extend from top plates to sill at an angle of approximately 45 degrees, and shall be double nailed at each stud. When openings occur near corners, diagonal knee braces shall be provided, they shall extend from the corner post above headers to top plates, and from below window sills to the main sill. Bracing shall be fastened at each bearing with two 8-penny nails.

SECTION B (2)

CARPENTRY AND MILLWORK

1. MATERIAL and SCOPE OF WORK: Contractor to remove all non bearing partition doors, windows and trim, stairs, beams, posts and flooring as shown on plans. Contractor to install doors, windows, hardware, window and door locks, repair or replacement of stairs, exterior and interior trim, and sheathing as shown or specified.

Contractor to furnish all labor, material and equipment necessary, shown, described or implied on plans for exterior carpentry, glass and glazing for windows, doors and skylights.

A. Moisture Content:

- (1) All lumber or Millwork shall be kiln dried or otherwise seasoned to a moisture content not to exceed the following:

- (a) Framing Lumber: 19 Percent at time of installation.
- (b) Boards wider than 8": 15 Percent at time of installation.
- (c) Exterior trim and Millwork: 14 Percent
- (d) Interior trim, Woodwork and Softwood flooring: 10 Percent.
- (e) Hardwood flooring: 9 Percent.

B. Protective Treatment:

- (1) Framing lumber below first floor level, up to and including sill plate, joist, header joist, girders, columns, sole plates, sub floor, wood sheathing, exterior stairs and railings, exterior decks, plates or sleepers in contact with concrete, shall be pressure impregnated to prevent attack by fungi or insects in strict accordance to recommended practices of the American Wood Preserver's Association and the latest edition of Federal Specifications TT-W-571.

- (2) Protective treatment shall be as manufactured and application as specified by manufacturer.

C. Materials to be Furnished and Installed as required in the description of work.

- (1) Furnish and install the following items required to complete the Carpentry and Millwork.
 - (a) Continuous wood nailers for attachment of flashing and other items of roof areas as may be required for the attachment of work of other trades.
 - (b) Wood blocking attached to or imbedded in masonry, concrete and finished surfaces for attachment of other materials to these surfaces as required by other trades.

D. Temporary Braces:

1. The Contractor shall provide and maintain all temporary bracing required for window and door frames, sills and other work required and which is not specified as being provided under other sections of the specifications.

E. Workmanship and Quality Standards:

1. Millwork and trim shall conform to design and detail as specified. Where practicable, work shall be finished and assembled at the mill.
2. All millwork and trim shall be finished smooth and free from all machine and tool marks that will show through the finish. Nails used to fasten painted work will be set to receive putty.
3. All joints will be tight and formed to conceal shrinkage. Miters four inches or more from heel to point shall be glued.
4. Finish shall be made in as long lengths as possible and jointed where only solid fastenings can be made.
5. No interior millwork shall be delivered until all wet work has been out of building for a least 10 days. Heat shall be required, in cold weather, during these 10 days.
6. Running finish shall have a minimum of splices and joints and where such splices and joints occur, they shall be fastened securely, and all exposed surfaces shall be smooth continuous planes.
7. Reinforce members that are cut for passage of pipes, conduits and ducts.
8. Install grounds, blocking, nailers and supports for fixtures. Use 2" x 4" solid blocking under edges and ends of exterior siding or trim.

2 Sheathing:

- A. Plywood for wall and roof sheathing shall be not less than 1/2" Douglas fir plywood of exterior or structural interior type. Installation shall be with outer plies at right angles to the studs or rafters.

3. Stairs and Handrails:

- A. Stair carriages shall be cut from minimum 2" x 10" framing members, three per stair up to three rise over three rise no more than 18" on center. Treads for basement stairs shall be no less than 3/4" hard pine or fir. Treads for other interior stairways shall be 3/4" oak or 3/4" hard pine.
- B. Exterior wood steps shall be Douglas fir "C" grade vertical grain, 3/4" thick. Risers shall be 3/4" thick. Stair carriages shall be cut from minimum 2" x 10"'s, three per stair, and shall be supported on concrete footings.
- C. Firestopping shall be of masonry or of wood not less than 1-1/2" thick.
- D. Install wood handrails on at least one side of each flight of stairs exceeding two risers and around open sides of all stairs. All new handrails shall be of pine, solid birch or oak installed on metal wall brackets anchored securely to wall approximately 4' on centers.

4. Insulation and Siding:

- A. Building paper and felt shall weigh approximately fifteen pounds per 100 square feet, and shall be installed in accordance with manufacturer's recommendations under all exterior finish.
- B. Insulation shall be mineral wool batts, fiberglass batts, or aluminum foil and shall be installed in accordance with manufacturer's recommendations in thicknesses as noted in Work Write Up.
- C. Wood shingles shall be edge grain red cedar 16" or 24" long and random width. Shingles shall be nailed to sheathing with corrosion resistant nails of sufficient length to penetrate the sheathing. Nail approximately 1" above butt line of following course and use two nails in each shingle up to 8" wide and three nails in wider shingles, threads nails shall be used if sheathing is plywood. Maximum exposure 7-1/2" to weather for 16", 10" to weather for 24".
- D. Wood bevel siding shall be 1/2" x 6" applied 5" maximum to the weather unless otherwise noted. Wood shall be vertical grain red cedar, Douglas Fir, or hemlock in "C" grade or better. Siding shall be nailed to each stud with corrosion resistant nails of a length that will provide at least 1" of penetration into the stud. Butt joints in siding shall occur over studs and joints in adjacent pieces shall be staggered. Fit siding tightly and neatly against all trim and molds. Siding when no corner boards are used, shall be mitered neatly at all corners.
- E. Wood vertical siding shall be 3/4" minimum thickness in 4", 6", 8", or 10" widths as specified. Wood shall be redwood or red cedar, in A-Grade, T & G. Nail siding to blocking between studs spaced not more than 24" on center with corrosion resistant nails. Nails shall be long enough to penetrate at least 1" into blocking. Siding shall be nailed twice at every bearing and nails shall be well set.

F. Cement asbestos siding shall conform to applicable Federal Specifications and shall be minimum 1/8" thick X 8-3/4" or 12" width, in 24' or 48' lengths. Top lap shall be minimum of 1". Installation shall be in accordance with manufacturer's recommendations. Color and texture shall be as selected by owner.

G. Aluminum siding shall conform to applicable Federal Specifications in alloy and thickness. All siding shall be formed as to provide interlocking courses and all required accessories shall be furnished with the siding. Insulated siding, when specified, shall be composed of 8" aluminum lap siding laminated to rigid insulating core board with structural adhesives. All aluminum siding and accessories shall be installed in accordance with manufacturer's instructions. Aluminum nails shall be used throughout.

5. Exterior Cornices and Trim:

A. Exterior trim, corner boards, and cornices shall be of a species suitable for its intended use, kiln dried #1 dimension, free from tool marks and other objectionable defects. Cornices to be repaired shall have all rotted or deteriorated parts removed and replaced with new parts matching original work. New cornices, moldings, and exterior shall be of stock material unless otherwise indicated on drawings or Work Write Up.

B. Wood gutters shall be #1 Douglas Fir 3" x 4" or 4" x 5" or as specified to allow proper drainage of roof area, nailed to each rafter with galvanized nails.

6. Windows : General Specifications, see Description of Work

A. Windows shall be of Kiln dried Ponderosa pine 1-3/8" minimum thickness. Frames, sill, sash, trim, and hardware shall match existing work in design and dimension unless otherwise specified.

B. Set up window units to include sash, frame, sash or spring balances, jamb liners, and exterior casings completely assembled. Installation of window unit (after opening is readied with proper studding and shimming) shall match existing areas, both exterior and interior. Where new window does not fit existing opening, enlarging or filling of spaces shall match existing finishes. Slotted and tenon corner joints shall be pinned, and primed before installation.

C. Combination storm window units shall be of clear pine 1-1/8" thick or of aluminum with interchangeable glazed and screen panels as specified in Work Write Up.

D. Wood blinds and shutters shall be of aluminum or clear pine 1-1/8" thick of design as shown on drawings. Stock shutters including all necessary hardware shall be used unless otherwise specified.

E. Screens shall be aluminum framed half screens with reinforced corners and aluminum wire of colored fiberglass screen cloth as specified. All operating sash to be weather stripped as specified.

7. Doors: General Specifications, see Description of work

- A. All doors shall be as specified on plans or work write ups. Door frames shall be of clear pine 1-3/8" or 1-3/4" thick, rabbetted for doors and screens. Frames, sill, trim, and hardware shall match existing work in design and dimension unless otherwise specified. When "prehung" stock door units are specified, the term shall include doors, 1-3/4" minimum thickness for exterior openings and 1-3/8" thick (minimum) for interior openings all necessary hardware, and preservative treatment for exterior units. Glazing, screen and storm doors shall be as specified in Work Write Up.
- B. Transoms and sidelights shall be of clear pine 1-3/8" thick glazed with single strength B glass and shall match existing work in design and dimension unless otherwise specified.
- C. Combination doors shall be of clear pine 1-1/8" thick or of aluminum with interchangeable glazed and screen panels as specified in Work Write Up.
- D. Doors shall be 1-3/4" minimum thickness for exterior openings and 1-3/8" minimum thickness for interior or as specified in Work Write Up. Woods shall be Philippine Mahogany, birch, red oak, or No. 1 Ponderosa pine as specified in Work Write Up. Doors shall be of stock sizes and design unless Work Write Up calls for them to match existing doors or openings. Doors where required by the Work Write Up shall be taken to mean installation of jamb, casing (both sides), butt hinges, lock set, and door; and any required repairs to the adjoining surfaces. All woodwork and repaired adjoining surfaces to be finished as per Work Write Up. Where one hour fire doors are called for, solid wood flush doors, 1-3/4" thick equipped with self-closing hardware shall be used.
- E. Where specified, remove and replace exterior basement doors and frames. Doors are to be manufactured same as front exterior solid core doors with self closing devices. Replace frames with wood blocking of the proper size and anchored to foundations in a suitable manner. All exterior lumber in contact with masonry or concrete is to receive a pressure preservation treatment as here in after specified. Provide proper hardware for hingeing and locking these doors.
- F. All interior and exterior doors shall be promptly and securely fitted to openings. The top and bottom edges of all wood doors required to be undercut shall receive painter's finish after they have been fitted to their openings.

8. Porches: General Specification

- A. Porch and railing posts shall be of Douglas fir of adequate size to support loads and shall match existing work. Where posts are to be exposed, "construction" grade Douglas fir shall be used.
- B. Porch railings shall be of Douglas fir in stock moldings or of design as shown on drawings.
- C. Porch flooring shall be Douglas fir "C" grade vertical grain 1 x 4 S.E. Fir unless otherwise specified.
- D. Exterior wood steps shall be Douglas Fir "C" grade vertical grain 3/4" thick. Risers shall be 3/4" thick. Stair carriages shall be cut from 2 x 10's three per stair, and shall be supported on concrete footings.

9. Final Inspection:

- A. Just prior to completion of all work under this section, the contractor, with the agent of the Boston Redevelopment Authority, shall inspect all portions of the work and shall make any required adjustments or corrections to the work, leaving all operable portions in perfect working conditions and all jointing to adjacent materials finished and tight.
- B. It is the intent of this section to restore, or furnish and install trim, moldings, fillers, blocking and other related work, to produce as finished and complete appearance to all work of this section.
- C. Careful consideration shall be given to all drawings and specifications of adjoining work to determine work and items required by this section.
- D. Plywood roof sheathing shall be installed with the grain of the outer plies at right angles to supports. Joints shall be located over the center lines of supports. Panels shall be fastened with 8-penny common nails or 6-penny annular ring or screw type nails spaced 6 inches on centers at supported edges, and 12 inches on centers over intermediate bearings.
- E. Submittals required for quality assurance shall include the following:
 - (1) Certificates of compliance for grades and moisture contents of lumber, woodwork, and plywood.
 - (2) Affidavit, signed by an official of the preservative treatment company, stating ~~the~~ preservative (s) used, retention, paintability, drying time, surface deposit and moisture content upon shipment from the treatment plant.
 - (3) Samples of the following items in sizes and quantities stated:
 - (a) Plywood - Two square feet.
 - (b) Rough Hardware - One item of each kind, except nails, screws, staples, tacks and the like, two of each kind.
 - (c) Wood Clapboard, ten square feet.

ROOF SHINGLES1. SCOPE OF WORK

- A. Work includes: This section includes shingle roofing work necessary to complete the project as indicated and specified in "Description of Work".
- B. Related work not included in this section: The following items of related work are not included in this section:
- (1) Sheet metalwork
 - (2) Built-up roofing
 - (3) Rough carpentry and framing

2. REFERENCED SPECIFICATIONS AND STANDARDS

- A. The following specifications and standards of the issues listed below (including the amendments, addenda and errata), but referred to thereafter by basic designation only, form a part of this specification to the extent required by the references thereto:
- (1) Federal Specifications:
 - FF-N-105B Nails, Wire, Brads and Staples
 - SS-C-153B Cement; Bituminous, Plastic
 - SS-R-630D (2) Roofing, Felt, (Roll, Asphalt-Prepared, Mineral-Surfaces)
 - (2) American Society for Testing and Materials Specifications:
 - D224-68 Specifications for Asphalt Roll Roofing with Powdered Talc or Mica
 - D226-75 Specifications for Asphalt-Saturated Roofing Felt for Use in Waterproofing and in Constructing Built-up Roofs

3. GENERAL REQUIREMENTS

- A. Delivery and storage of materials: Deliver materials to building site in manufacturer's unopened bundles and containers with the manufacturer's brand and name marked clearly thereon. Keep materials dry, covered completely and protected from the weather.
- B. Surfaces and conditions: Do not apply any shingle roofing on surfaces that are unsuitable and will prevent a satisfactory application.

Contractor shall ensure that roof deck is smooth, clean, dry & that loose knots are removed and knots/holes and cracks are properly covered with sheet metal nailed securely to the sheathing.

4. SAMPLES AND DESCRIPTIVE DATA

- A. Before delivery of any shingle roofing materials to building site, submit the following samples for approval:
- (1) Asphalt shingles: Three samples of each type.
 - (2) Mineral-surfaced roofing, 12 inches by width of roll: Three pieces.
 - (3) Asphalt-saturated felt, 12 inches by width of roll: Three pieces.
 - (4) Nails and fasteners: Three of each type and size.
 - (5) Smooth-surfaced roof roofing, 12 inches by width of roll: Three pieces.

5. MATERIALS

- A. Asphalt shingle roofing materials: Materials shall conform to the following specifications and requirements:
- (1) Mineral-surfaced asphalt strip shingles: Provide square butt style shingles, thick butt type. Shingles shall be three or four tab type, 12 x 36 inches, except for ridges. All shingles shall be self-sealing type, with a factory applied adhesive for sealing and shall weigh approximately 325 lbs. per square. Shingles shall meet Underwriters' Laboratories, Inc. requirements for Class C Wind-Resistant Shingles. Label of Underwriters' Laboratories, Inc. will be accepted as evidence of conformity to this requirement. In lieu of this label, a test report from a nationally recognized and adequately equipped laboratory, competent to perform such services, certify that the shingles have been tested and the tested shingles conform to the standards of the Underwriters' Laboratories, Inc., may be submitted. Colors of shingles will be selected from the manufacturer's standard color ranges by the Authority.
 - (2) Mineral-surfaced asphalt roll roofing shall conform to Federal Specification SS-R-630, Class 2.
 - (3) Smooth-surface asphalt roll roofing shall conform to ASTM D224, 55 lb. grade.
 - (4) Asphalt-saturated felt shall conform to ASTM D226, 15 lb. type.
 - (5) Nails for Applying Shingles and Asphalt-Saturated Felt: Nails for shingles shall be hot-dipped galvanized steel or aluminum with sharp points and flat heads 3/8 inch to 7/16 inch in diameter. Steel nails shall have annular threads; aluminum nails shall have screw

threads; nail shanks shall be at least 0.105 inch and not more than 0.135 in outside diameter. Nails for fastening asphalt-saturated felt shall conform to Federal Specification FF-1-105, Table XXIIa, Type II, Style 20.

- (6) Plastic bituminous cement shall conform to Federal Specification SS-C-153, Type I.

6. APPLICATION

- A. Application of asphalt shingle roofing: Apply an underlayment of asphalt-saturated felt specified hereinbefore, over the roof sheathing. Lay felt parallel to eaves with 2 inch head laps and 4 inch end laps. Nail felts sufficiently along edges to hold them in place until shingles are applied. Apply starter strip to eaves. Starter strips shall consist of one layer of strip shingles laid with cutouts reversed. Project strip 3/4 inch beyond eave line to form a drip. Fasten strip in place with one row of nails 1-1/2 inches above lower edge and spaced 3 inches on centers. Lay first course of shingles directly on top of starter strip, flush with drip edge. Align strip properly, centering cutouts on starter strip tabs. Nail each shingle from the end adjoining previously applied shingle, 1/2 inch to 5/8 inch above each cutout and 1/2 inch from each edge of shingle. Provide 5 inch exposure and at least 2 inch headlap. In addition to nailing specified, press each tab firmly in place into the factory-applied sealant over its entire area.
- B. Ridges: Form ridges with 9 inch by 12 inch individual shingles, or 12 inch by 12 inch shingles cut from 12 inch by 36 inch strip shingles. Bend shingles lengthwise down the center with equal exposure on each side of ridge. Lap shingles to provide not more than 5 inch exposure from butt, and nail in unexposed area 5-1/2 inches from the butt and 1 inch vertically from the edge.

7. WARRANTY

- A. The Contractor shall furnish a shingle manufacturer's warranty for self-sealing shingles. The warranty shall cover a period of twenty years from date of shingle installation. Repair and replacement of defective work shall be done without cost to the Authority.

SECTION B (4)

MASONRY

1. GENERAL:

The masonry work shall include the furnishing of all labor, materials, services, equipment, and appliances to complete the masonry work.

2. Handling and Storage

- a. All mortar materials shall be stored under cover in a dry place.
- b. All masonry units shall be carefully handled and stored to prevent chipping, breakage and contact with the ground.
- c. Materials shall be protected with suitable clean waterproof covers and stored on plank platforms.

3. Materials

- a. Special units shall be provided as necessary. Units shall be aged at least 28 days before being used in the work.
- b. Clay Brick. Face brick shall match existing in dimensions and shall conform to the requirements of ASTM Designation C216-75a, Standard Specifications for Facing Brick (made from clay or shale), Grade SW, Type FBX or FBS, as selected by the Authority; and bricks shall not, after being thoroughly dried and then immersed in water for 24 hours, absorb more than 8 percent of their weight.

Slight variations and irregularities that are incidental to the process of manufacture will be permissible; but defects such as cracks, warpage, stones and spalls due to handling shall be cause for rejection if such defects will be visible when laid in an exposed wall or if, in the opinion of the Authority, such defects would affect the strength or serviceability of the brickwork.

- c. Cement for mortar shall be Type II Portland cement conforming to ASTM Specification C150-76a.
- d. Hydrated Lime shall be Type S conforming to ASTM Specification C207-76.
- e. Sand shall be clean, sharp, masons sand conforming to ASTM Specification 144-76.
- f. Water shall be clean and free from oils, acids, alkalies and injurious quantities of vegetable matter or other impurities.

- g. Joint Reinforcing shall be truss type, 2 inches less than the thickness of the wall and shall be "Bok-Trus", 9 gauge mill galvanized steel (Class 3) as manufactured by A.A. Wire Products Company, Dur-O-Wall, or approved equal.
- h. Mortar Admixture for exterior masonry shall be "Omicron" as manufactured by the Master Builder Company.
- i. Masonry Anchors ~~Anchors~~ shall be ~~Hahmann-Barnard~~ Corrugated Wall Tie # Cwt. 7/8" x 7" Galvanized Steel # 18 Gauge, Power Driven.

4. Mortar

- a. Masonry Mortar shall be Type S conforming to ASTM Designation C270-73, proportion specification.
- b. Brands of cementitious materials and the source of supply of sand shall remain the same throughout the entire job.
- c. Mortar shall be freshly mixed. No retempering will be allowed. The ingredients for each batch shall be accurately measured and combined in the proportions specified; all parts being measured by volume. Mortar shall be mixed in a batch mixer or by hand and shall be of uniform color (as approved by the Authority) and consistency. Mixer drums shall be entirely emptied of a batch before succeeding batch is started.
- d. Mortar for masonry exposed to weather shall contain a water-reducing plasticizing admixture (Omicron). Admixture to be used in strict accordance with the manufacturer's printed instruction.

5. General Requirements

a. Protection

- 1. At the end of each day or shutdown period, the top of partially completed walls exposed to the elements shall be kept dry by covering with a waterproof material extending at least 2 feet down each side of the wall and secured in place.
- 2. No masonry shall be laid when the temperature is below 40 degrees F. unless suitable means are provided to heat the masonry materials and protect the completed work from freezing. If heating is required, the method and length of time shall be in accord with good established practice.

b. Built-In-Work

Supply and install joint reinforcing for brick veneer, concrete masonry unit wall.

c. Cutting And Patching

Form necessary chases and do all cutting and patching in masonry as required leaving all repair work in a first-class condition.

d. Joining Of Work

Where fresh masonry joins masonry that is partially set or totally set, the exposed surface of the set masonry shall be cleaned, roughened and lightly wetted so as to obtain the best possible bond with the new work. All loose materials shall be removed, and repointed with new mortar.

e. Grades And Lines

All masonry shall be laid plumb, level, and to line. Vertical joints shall be in line and of uniform thickness.

f. Scaffolding

Provide and erect safe and adequate scaffolding to complete all work and remove upon completion.

g. Jointing

1. When the mortar has become thumbprint hard, all exposed joints shall be tooled with a round of another approved jointer. The jointer shall be slightly larger than the width of the mortar joint so that a complete contact is made along the edges of the units, compressing and sealing the surface of the joint.
2. Joints in unexposed spaces shall be struck flush, leaving no excess mortar.
3. Completely fill with mortar the space between new brick veneer and the concrete masonry unit back-up wall.

Pointing And Cleaning

1. At the completion of the work, all holes or defective joints in exposed masonry shall be pointed out and, where necessary, defective joints shall be cut out and repointed.
2. Exposed masonry shall be protected against staining from wall covering and other sources and excess mortar shall be removed from the surface as work progresses.
3. At the completion of the work, all exposed masonry shall be thoroughly cleaned.

6. Workmanship

a. Setting Blocks And Bricks

Lay brick and block units in full beds of mortar, plumb, level and true to line, in running bond and properly jointed with other connecting work.

b. Reinforcing

1. Joint reinforcing shall be placed in the second bed joints of concrete masonry units and in every second horizontal joint (16 inches on centers) thereafter.
2. Joint reinforcing shall be lapped sufficiently at splices (16 inches minimum) to ensure continuity.

c. Cutting

All cutting of masonry shall be done with a carborundum saw.

SECTION B (5)

REPOINTING OF EXISTING BRICK MASONRY:

1. General

- a. Repoint all defective brick masonry joints of the existing foundation wall brickwork, and stone work.
- b. Defective mortar joints above specified are mortar joints in which the mortar is loose, missing, eroded, or powdered, broken hollow, unsound, or soft. Joints with fine hair lines and fine shrinkage cracks that are otherwise sound, full, and solid, will not be considered as defective, unless the defect is such as to permit the entrance of moisture.

2. Materials

- a. Portland cement shall comply with ASTM Specification C150-76a.
- b. Sand shall conform to ASTM-C33-74a, except that all shall pass a No. 8 sieve, not less than 5 percent shall be retained on a No. 16 sieve, and not less than 97 percent shall be retained on a No. 100 sieve.
- c. Pointing mortar for masonry shall be composed of one part Portland Cement, three parts sand, and not more than one-fifth part lime putty. Mix mortar only in such quantities as needed for immediate use; no mortar in which initial set shall have commenced. Color mortar to match the present sound joints.
- d. Pigments for coloring mortar, if required, shall be limeproof mineral oxides of the best quality and high purity, finely ground and specially prepared for such use. They shall be accurately measured and thoroughly mixed with each batch to produce a uniform color throughout the work and shall be used only in such quantity as will give the desired color tone when the mortar is dry.

3. Workmanship

- a. Carefully examine all joints and beds in the masonry specified to be treated; where defective, rake out joint at least 1/2 inch deep and as much as may be necessary to remove all loose and unsound mortar, using care not to damage the edges of the masonry and then brush joints clean.

3. Workmanship (Con't)

- b. Joints shall be drenched with water after they have been raked and cleaned (wetting with a sponge will not be sufficient), and repoint solid the full depth of raked joint. The repointed joints shall be shaped, with shaping tool to match the present adjacent joints, and finished with a hard smooth surface.
- c. Pointing shall not be done when freezing weather or rain is to be expected.
- d. Take precaution against dropping or smearing pointing material. If pointing material should be smeared on the face of the masonry, glass, or any other part of the building, immediately clean off; in the completed work, leave no pointing material beyond the lines of the joints. Ensure thorough and neat work.

SECTION B (6)

PAINTING

1. MATERIALS and SCOPE OF WORK:

- A. All labor, materials, equipment and services necessary or incidental to completing all painting, are to be completed as shown or implied on plans and specifications.
- B. All materials used shall be the product of recognized manufacturers.
- C. All paint and other finishing materials shall be of good quality and as manufactured by Martin-Senour, Pittsburg Plate Glass, Dupont, Sherman-Williams, Benjamin Moore, or approved equal.
- D. All materials shall be delivered to the building in unopened original containers bearing the manufacturer's labels.
- E. All materials are to be used as specified by the manufacturer's label directions.
- F. Before proceeding with painting, color samples shall be shown to the Boston Redevelopment Authority Urban Design Department for their approval.

2. PROTECTION:

- A. Furnish and lay drop cloths at all areas where painting and finishing is being done.
- B. Paint shall be mixed in suitable containers and all necessary precautions shall be taken to prevent fire.

3. WORKMANSHIP:

- A. Exterior painting shall not be done in rainy, damp, or frosty weather or until the surface has thoroughly dried from the effects of such weather.
- B. Finished work shall be uniform, of approved, color, smooth, and free from runs, sags, defective brushing and rolling. Edges of paint adjoining other materials or colors shall be sharp and clean.
- C. Paint application shall consists of two coats (minimum) on old work; three coats on new, to all surfaces and visible edges. The top and bottom edges of new doors shall be covered with a minimum of one coat.

4. SURFACE PREPARATION:

- A. Exterior wood shall be free of dirt and loose or peeling paint. Knots and sap streaks shall be covered with a thin coat of shellac. Nail holes and cracks shall be filled with putty after undercoat has been applied.

4. SURFACE PREPARATION: (CON'T)

- B. Exterior Masonry shall be free of oil, grease, loose or peeling paint or other foreign matter. Defective or improper previous coatings must be removed by scraping. Surfaces previously painted with water emulsion, or water-thinned finishes should be thoroughly wire brushed. Masonry cracks shall be cleaned out and patched with mortar similar to the original surface and uniformly textured.
- C. Efflorescence shall be removed by scrubbing affected surfaces with a solution of muriatic acid, and rinsed with clear water and allowed to dry thoroughly.
- D. Metal surfaces shall be absolutely clean and dry, free from wax, oil, grease, or dried soap films. Metal surfaces shall be thoroughly cleaned with sandpaper or steel wool and thinner.
- E. Plaster, Wallboard, Wood, and Masonry: All oil, grease, or loose foreign matter shall be removed. Cracks and open joints shall be cut out and properly filled. All glossy surfaces shall be washed with a milk alkaline solution and rinsed thoroughly. All loose, blistered, or otherwise defective paint shall be removed and edges sanded smooth. Putty or spackle all nail holes, cracks, and other defects after prime coat has dried.

5. COMPLETION:

- A. At the completion of the work, all paint spots, and oil or grease stains shall be removed from floors, walls, windows, and equipment, leaving their finishes in a satisfactory condition.
- B. Contractor shall repaint or retouch any areas which have been damaged during construction work or do not comply with the requirements of the specifications.

